

19990817.qrp v01_n551.qrl.990817

Date: Tue, 17 Aug 1999 19:03:04 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1551

QRP-L Digest 1551

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- 2) [47660] WTB qrp
by RangerSF5@aol.com
- 3) [47661] Magnet Wire
by "Charles Hamel" <cdhamel@pdq.net>
- 4) [47662] For Sale
by Elliott Lawrence <edl@pacbell.net>
- 5) [47663] Re: Command Set Stuff
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- 6) [47664] RE: Inexpensive "good" headsets
by Michael Melland <badger@vbe.com>
- 7) [47665] Latest:40 mtr fox hunt Teams
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [47666] Ref. Bob, WA8LSD
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- 9) [47667] WW2 military radios
by Anthony Felino <anthony@pacinfosb.com>
- 10) [47668] CFA Antenna, no free lunch
by "rohre" <rohre@arlut.utexas.edu>
- 11) [47669] Re: Command Set Stuff
by "Richard Arland" <r_arland@hotmail.com>
- 12) [47670] Re: WW2 military radios
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [47671] Ultimate Jersey Fireball 40 case
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 14) [47672] Re: Question Re Dial Cords
by Pete Burbank <plburbank@kih.net>
- 15) [47673] Re: Command Set Stuff
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 16) [47674] Re: Command Set Stuff
by "John Moriarity" <k6qq@hdo.net>
- 17) [47675] Logging software?
by "A. Jenkins" <beaks@westco.net>
- 18) [47676] Re: Logging software?
by Paul Erickson <paule@sfu.ca>
- 19) [47677] Re: Magnet Wire

- by Drbob92031@aol.com
- 20) [47678] Re: Logging software?
by "Vincent Ferme" <vferme@sprint.ca>
- 21) [47679] Re: RS 63-970 WWVB Clock on sale
by Jeff Logullo <logullo@mindspring.com>
- 22) [47680] HQRP Meeting This Saturday
by "Ed Manuel (N5EM)" <n5em@flash.net>
- 23) [47681] Re: Magnet Wire
by "Nick Kennedy" <nkennedy@cswnet.com>
- 24) [47682] Re: Logging software?
by Wayne Alexander <walexan@ipa.net>
- 25) [47683] Re: Command Set Stuff
by "Nick Kennedy" <nkennedy@cswnet.com>
- 26) [47684] QRP Vendors?
by Don Trammell <dtrammel@traveller.com>
- 27) [47685] Re: Question Re Dial Cords
by "The One and Only!" <mitch96@pobox.com>
- 28) [47686] Re: rs clock
by Phil Wheeler <w7ox@mindspring.com>
- 29) [47687] miles per watt
by "Mark Hogan" <mhogan@email.msn.com>
- 30) [47688] Talking about MAGNET WIRE !!!
by Lee Bahr <bahr521@earthlink.net>
- 31) [47689] Re: Question Re Dial Cords
by Pete Burbank <plburbank@kih.net>
- 32) [47690] RE: Command Set Stuff
by Tim Ahrens <tahrens@hilconet.com>
- 33) [47691] RE: ARC-5 -BC455B
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 34) [47692] The QRP-ARCI Toy Store
by Hank Kohl K8DD <k8dd@arrl.net>
- 35) [47693] Re: Talking about MAGNET WIRE !!!
by Chris Trask <ctrask@primenet.com>
- 36) [47694] Re: Talking about MAGNET WIRE !!!
by "George T. Baker" <w5yr@swbell.net>
- 37) [47695] GAP Antennas
by cverbil@jps.net
- 38) [47696] MY RIG'S ALIVE !!!!!
by Robert P Engelman <rengelwb8uoj@juno.com>
- 39) [47697] Cuba DX
by Gary L Surrency <gsurrency@juno.com>
- 40) [47698] Re: GAP Antennas
by Russ Dow <n7dw@garlic.com>
- 41) [47699] SV: GAP Antennas
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 42) [47700] Re: Logging software?
by Bruce Hopkins - KL7H <kl7h@arrl.net>
- 43) [47701] Needed - Florida - NC20 Kit Builder

by "Dave Fifield" <fifield@pacbell.net>
44) [47702] Re: Talking about MAGNET WIRE !!!
by "Randy Jouett" <rules@bellsouth.net>
45) [47703] Re: Command Set Stuff
by George F Franklin <w0av@juno.com>
46) [47704] Re: ARC-5 -BC455B
by George F Franklin <w0av@juno.com>
47) [47705] Re: Talking about MAGNET WIRE !!!
by George F Franklin <w0av@juno.com>
48) [47706] Michigan Challenge bonus!!
by "Pete Meier" <pete.meier@lmsna.com>
49) [47707] Re: Good life...
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
50) [47708] Buy/build Probe-style o-scope
by "Tom Bowman" <tbowman@nbn.net>
51) [47709] Fox Team
by K10J <k10j@ditdit.com>
52) [47710] Re: AF Chain Order
by Zack Lau <zlau@arrl.org>
53) [47711] Re: Good life...
by "Jerry Decker N5RV" <n5rv@hex.net>
54) [47712] Re: Talking about MAGNET WIRE !!!
by Michael Maiorana <mikemo@ibm.net>
55) [47713] Re: Buy/build Probe-style o-scope
by "Mike Yetsko" <myetsko@insydesw.com>
56) [47714] re: DxBase2000 website??
by "Kenneth Hopper" <n9vv@mail.hamsnet.net>
57) [47715] Re: Talking about MAGNET WIRE !!!
by "Rod Cerkoney" <rwc@frii.com>
58) [47716] Re: [SWR/Harmonic Power Question]
by "Charlie Fitts" <cfitts@neca.com>
59) [47717] OT Radio Shack Stories
by Brian Murrey <brian@iquiest.net>
60) [47718] RS WWVB Clock - hacking info
by Peter_Simpson@ne.3com.com
61) [47719] Re: MY RIG'S ALIVE !!!!!
by Phil Wheeler <w7ox@mindspring.com>
62) [47720] Re: Buy/build Probe-style o-scope
by John R Kirby <n3aaz-qrp@juno.com>
63) [47721] VHF propagation over the weekend...?
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
64) [47722] NJ QSO Party - QRP
by Ken Newman <N2CQ@citnet.com>
65) [47723] Re: VHF propagation over the weekend...?
by "Tom Hybiske" <hybiske@generalatronics.com>
66) [47724] NW QRP Club meeting This Saturday
by "Bill Todd" <bill@willapabay.org>
67) [47725] WTB: PSpice Book

by "Henry Knoll" <knoll003@tc.umn.edu>
68) [47726] Radio Shack
by "Alex Mendelsohn" <ai2q@ispchannel.com>
69) [47727] How about the BC-610
by John R Kirby <n3aaz-qrp@juno.com>
70) [47728] FS: Radiokit QRP 30
by PDouglas12@aol.com
71) [47729] RE: Command Set Stuff
by Dean W Manley <kh6b@juno.com>
72) [47730] Re: Buy/build Probe-style o-scope
by Dave Ek <ekdave@earthlink.net>
73) [47731] 2N2/40
by Brad Mugleston <bmug@gwl.com>
74) [47732] Modified 2N2/40-- killer rig
by "Steven Weber" <kd1jv@moose.ncia.net>
75) [47733] ZM2 troubleshooting #2
by Scott Gregson - KC7MAS <emtech@steadynet.com>
76) [47734] 2N3553 power amp transistor
by charles k brown <n4so@juno.com>
77) [47735] NC-20 mods
by charles k brown <n4so@juno.com>
78) [47736] TURBOLOG
by Brad Bradfield <b_bradfield@yahoo.com>
79) [47737] Non QRP ?
by Scott Gregson - KC7MAS <emtech@steadynet.com>
80) [47738] Useful h/b site
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
81) [47739] Re: How about the BC-610
by George F Franklin <w0av@juno.com>
82) [47740] Re:[47634] Help Wanted with Meter #2...no more
by Tayloe Dan-P26412 <Dan_Tayloe-P26412@email.mot.com>
83) [47741] re: DxBase2000 website??
by Bruce Hopkins - KL7H <kl7h@arrl.net>
84) [47742] Horizontal Loop Antenna.
by Ed Loranger <we6w@qsl.net>
85) [47743] Re: VHF propagation over the weekend...?
by Dave Sjolín <sjolin@swbell.net>
86) [47744] Altoids Box
by Brad Mugleston <bmug@gwl.com>
87) [47745] Re: Talking about MAGNET WIRE !!!
by "Randy Jouett" <rules@bellsouth.net>
88) [47746] how far?
by "Mark Hogan" <mhogan@email.msn.com>
89) [47747] RE: Command Set Stuff
by Karl.Kanalz@optelinc.com
90) [47748] Re: Ultimate Jersey Fireball 40 case
by David J Adams <adamsclan@netgate.net>
91) [47749] Re: Talking about MAGNET WIRE !!!

by Karl.Kanalz@optelinc.com
92) [47750] She's Alive! (Part II)
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
93) [47751] Re: how far?
by Rod Cercone <rlc@fii.com>
94) [47752] Re: Talking about MAGNET WIRE !!!
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
95) [47753] RE: Mini Altoids Case
by "Ed Tanton" <n4xy@att.net>
96) [47754] Re: Talking about MAGNET WIRE !!!
by Goran Hosinsky <hosinsky@royac.iac.es>
97) [47755] Re: Talking about MAGNET WIRE !!!
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
98) [47756] Ruggedized rigs.
by Ed Loranger <we6w@qsl.net>
99) [47757] Norcal Cascade schematic
by "Brockwell, Stephen E." <brockwse@fssec.army.mil>
100) [47758] Re: Talking about MAGNET WIRE !!!
by "Mike Yetsko" <myetsko@insydesw.com>
101) [47759] TRY'N TO GET SPARTAN
by ARDUJENSKI@aol.com
102) [47760] Re: Altoids Box
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
103) [47761] OT: Re: Talking about MAGNET WIRE !!!
by Bill B Lazure <n2tpa@juno.com>
104) [47762] Eddystone bug key
by "Graham Firth" <Graham.Firth@BTinternet.com>
105) [47763] FS HW-8 and HWA7-1 Power supply
by Mercxx@aol.com
106) [47764] Re: Horizontal Loop Antenna.
by "Chuck Adams, K7QO" <k7qo@hotmail.com>
107) [47765] Re: Cuba DX
by "Phinizy, William" <wphinizy@filenet.com>
108) [47766] Re: Things that QRPers tell me.
by Jim Lowman <jmlowman@ix.netcom.com>
109) [47767] Good RS experience
by "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
110) [47768] miniature DSW-40 review by NW7DX
by PUNISHER3@aol.com

Date: Mon, 16 Aug 1999 07:47:43 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-l@lehigh.edu
Subject: [47659] rs clock
Message-ID: <19990816234835.JLLW11111.mailhost.det.ameritech.net@default>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I got one of those things, and it works wonderfully.
Even inside an aluminum building.

You just set a couple of digits (don't matter much which)
and it you're getting enough signal from WWV, in about
5 minutes, you will be perfect.

#63-970, I think. Well worth the \$30.

73 jerry w8gnd who is now picky about time.

Date: Mon, 16 Aug 1999 19:49:19 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [47660] WTB qrp
Message-ID: <a97d2ec.24e9fd7f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,
Still looking to buy a built SST for 20-M
Please reply direct.
Thank You
Bob
WA2HOQrp

Date: Mon, 16 Aug 1999 18:50:34 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [47661] Magnet Wire
Message-ID: <009601bee842\$23a5b320\$174158d8@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All, I just bought a pack of magnet wire from Rat Shack. It has 3 rolls, one is red, one is green, and one is copper color, the wire is #22, #26, #30 gauge. My question is does the colors have any significance as to what gauge they are?? If not which is thickest?? 22,26 or 30??

Thank you

Charles

KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919

<http://www.angelfire.com/de/kc5dxq/index.html>

Date: Mon, 16 Aug 1999 16:52:38 -0700
From: Elliott Lawrence <edl@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [47662] For Sale
Message-ID: <37B8A445.14E9@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a never used, new, mint condition in the box HP F1011A AC/DC Adapter for the HP200LX Palmtop Computer. \$20 shipped in the US.

72

Elliott WA6TLA

Date: Mon, 16 Aug 1999 18:56:12 -0500
From: George F Franklin <w0av@juno.com>
To: kd7s@psnw.com
Cc: qrp-l@Lehigh.EDU
Subject: [47663] Re: Command Set Stuff
Message-ID: <19990816.185612.-143343.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang,

You are speaking my language when you talk about Meissner Signal Shifters, 6L6's, command set RX mod to improve selectivity (the gimmick

went from the control grid to the plate of the IF tube), etc.

I never had the bux to buy a Shifter, but a buddy had one. His had a green cow's eye and all the good stuff including the NFM (narrow-minded FM) option. He often used the shifter as a QRP rig and worked lots of DX on 20M CW.

Those were indeed great days. After WW2 the only rig I could muster was a command TX, much modified. My prewar stuff had gone astray.

My first SSB rig was a command TX modified per the QST article by Tony, W2E?? back in the early 60's.

Thanks for the memories.

72/73 de George/W0AV

Date: Mon, 16 Aug 1999 19:04:24 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-1@lehigh.edu
Subject: [47664] RE: Inexpensive "good" headsets
Message-ID: <37B8A707.613FE65@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I had to order a manual for an old piece of military test equipment I'm restoring and while looking at Lee Frank's webpage I noticed 600 ohm military headphones (H-251 A/U) listed for \$12.95 plus shipping USPS Priority. I have been looking for phones (600 ohm) to use with my "new" Power Mite rig so I ordered a pair. They arrived today and I'm impressed. I "think" they are new..... sure look it. They came wrapped in the usual military style paper wrapping paper and had one of those clunky U-229/U connectors. There were two tiny spots of surface rust on the black finish (sort of like that rough no glare parkerizing that M-16's are) that were easily removed with a bit of oil and a scotch brite pad. I snipped off the U-229/U connector and installed a phono plug. I just used them on my Grundig shortwave and my Power Mite and I am very impressed. They really are rugged and they sound great..... I suppose because they "are" commo phones the response is right on for cw. They "are" a bit large compared to those micro "Walkman" type phones but were just what I was looking for..... handy especially for someone looking for nice 600 ohm phones. You may remember Lee Frank in Harrisburg, PA had relatively inexpensive J-37 etc. straight keys (looks like he still does) that I mentioned buying

earlier this year..... I think a few others did too. His web page is:
<http://www.surplustuff.com> the phones are listed in the
Equipment/Parts/Misc section.

As usual no connection with Lee..... just satisfied with the phones.

73

--

Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Mon, 16 Aug 1999 18:05:33 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [47665] Latest:40 mtr fox hunt Teams
Message-ID: <Pine.LNX.3.95.990816175116.2496J-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not to be outdone, we have just received word from the depths of the
Florida swamps that an ominous "force" will be in the Team competition
this time around....Ladies and gentlemen; I take great pleasure in
announcing the "BEETLES!".....errrr just a second...oops I mean the
"SWAMP RATS!!!"

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Houston Hounds:

Bill - K5ZTY

Bill - W5SB

Terry - KQ5U

Dan - KK5LD

Mangy Mushers:

Pete - NV4V

Paul - VE7CQK

Bruce - N7RR

Ed - K1VP

Oklahoma Tornadoes:

Raiders of the Lost RF:

Cliff - AB5UA
Royce - KE5TC
Don - K5AAR
Gody - AC6UV

Fred - VE3FUL
Earl - VE6EWM
Bruce - VE5RC
??????? (still looking)

Swamp Rats:
N1TP - Tom
KF4KSM - Mac
W2XN - Fred
TBA ???????

SWORDS:
Rick - WB6JBM
Andy - KC8KFI
Doc - K0EVZ
Dan - N8IE

Team ScQRPian:
Floyd - NQ7X
Gary - AB7MY
Conrad - WS4S
Bob - KI7MN

Underdogs:
Roy - AB7CE
Dan - N4ROA
Brian - KB9BVN
Ron - KI0II

.....lots of time left to form and enter a Team, so just let me know via e-mail please.....this is shaping up to be another good fun year for the 40 mtr Fox Hunt Team competition!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Mon, 16 Aug 1999 19:04:44 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [47666] Ref. Bob, WA8LSD
Message-ID: <19990816.190545.-143343.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Bob,

I received your message saying that you had found a command TX in your storage shed but my return message went to "another" Bob; don't know how.

Perhaps you will read this "general" e-mail and contact me directly, as I

am interested in your command TX.

72/73 de George/W0AV

Date: Mon, 16 Aug 99 16:42:53 -0800
From: Anthony Felino <anthony@pacinfosb.com>
To: qrp-1@lehigh.edu
Subject: [47667] WW2 military radios
Message-ID: <Chameleon.934848610.anthony@anthony>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a plea from one who is a member of the Military Radio Collectors' Group as well as a QRP enthusiast.

Please don't destroy these old rigs. There is someone looking for what you have who wants to mate it with its companion equipment and put it on the air. If you want to dismantle the rig for parts, you should know that all the parts are available cheaply already pulled out of the rig, whereas an intact rig is desirable, relatively rare, and getting more expensive all the time. Command receivers in restorable condition are going for anywhere from \$20 to \$90 depending on condition, and the transmitters are selling for even more. If you have an intact unit, you could probably trade it for enough parts to make half a dozen tuners or whatever.

I like to modify the Command series also, but I always mess with units that have already been modified. Because there is a long and glorious history of ham modification, ninety percent of these units that are available fit in this category, so it's not a big deal. Often a heavily modified set has no extra holes in the chassis and no wires soldered to the sockets. This is a valuable piece since all the other parts can be mounted to the good chassis to make a good radio. The easiest way to destroy the value of the Command sets is to solder wires to the sockets. Once there is any solder on the connectors they no longer mate with the plugs in the racks and adapters.

End of diatribe, but on a QRP note, one of my favorite QRP rigs is a WW2 Navy TCS-12, a matching transmitter and receiver made by Collins. I run it off a single receiver-type dynamotor and in this configuration it puts out about 2-3W on any frequency from 1.5 to 12MHz. It has built in QSK with two very loud relays, and an antenna tuner that will match a very wide range. Results

during the last 160m contest were pretty surprising.

Thanks,
WN6Q

Anthony Felino, Pacific Information Design
email: anthony@pacinfosb.com, afelino@eng.delcoelect.com
telephone: (805) 730 1565, x25
fax: (805) 730 1569

Date: 16 Aug 1999 19:09:23 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [47668] CFA Antenna, no free lunch
Message-ID: <n1277291901.67169@msmailgw1.arlut.utexas.edu>

The question came up on Fri. about the Crossed Field Antenna on Antennex web pages.

Although this is a patented design that has a lot of claims being made about it, the question the poster asked can be answered: This design, nor any antenna smaller than a resonant (non loaded) structure antenna for the frequency in question, will NOT give you gain in the sense you are looking for it. My impression is that the CFA is only claiming to create a BC band, (and thus ground wave) field strength similar to a conventional AM station antenna, of much longer dimensions. However, for ham use you need a reciprocal antenna, -you are receiving and transmitting, and you have to have a larger capture area (more conductor) to have gain when you receive signals! Look at all the conventional antennas. The extended double Zepp has gain over a dipole, because it is longer than two half waves end to end. The Uda-Yagi, (Uda was the true inventor, Yagi the translator), beam has larger physical area to transmit or capture signals than the dipole driven element alone. The full wave loop is just that-- a full wave, and thus more gain than a dipole. A quad is made up of full wave loops. And so it goes, THERE IS NO FREE LUNCH in antennas! Size is important, along with a number of other properties, such as appropriate height, (not too high or low depending on antenna type). An antenna such as the CFA sitting on the ground, is likely to be shaded by the terrain around your site, and thus, will not optimally receive the skywave signals at the angles from which you hear various DX paths. Beware of antennas that seem to be too good to be true! They usually are, ---the jury of experience of multi users is still out on the CFA. The error in the presented design is a real dis-service to scientific analysis and certainly made me suspicious of their motives.

72, Stuart K5KVH

Date: Tue, 17 Aug 1999 00:16:17 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: camqrp@cyberg8t.com, qrp-1@Lehigh.EDU
Subject: [47669] Re: Command Set Stuff
Message-ID: <19990817001617.27006.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ahhhhhhhh! Radio the way it was meant to be!

73 Rich K7SZ

>From: "Cam Hartford" <camqrp@cyberg8t.com>
>Anyway, those ARC-5s
>taught me about RF burns. I also learned lots about
>TVI. What a mess!

>The ARC-5 -- HT-9 combination was The Lash-Up From Hell
>when it came to band changes. Piece of cake. Eat your hearts out, K-2 / LDG
>Tuner
>owners!!! No pain, no gain.
>
>Reminiscently,
>
>Cam N6GA

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Mon, 16 Aug 1999 18:32:39 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Anthony Felino <anthony@pacinfosb.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47670] Re: WW2 military radios
Message-ID: <Pine.LNX.3.95.990816182500.2496M-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 16 Aug 1999, Anthony Felino wrote:

> This is a plea from one who is a member of the Military Radio
> Collectors' Group as well as a QRP enthusiast.
>
> Please don't destroy these old rigs. There is someone looking
> for what you have who wants to mate it with its companion
> equipment and put it on the air.

....this is an important message to consider folks....I found out at the
Glacier hamfest that there is a VE6 amateur who is "passionate" about
restoring these old rigs...I'm told he has restored 100 military rigs to
perfect working condition and has 50 more waiting his attention...you
should have seen the radiant smile on his face as he hauled another
military rig away from the flea market!!....make another ham happy and let
this group know about any military rigs you come across....as Anthony said
you could sell these to a collector and have the money you need for a fine
QRP kit or most rigs for that matter...it's certainly something to
consider...72 - Bruce(VE5RC+VE5QRP)

Date: Mon, 16 Aug 1999 20:44:43 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [47671] Ultimate Jersey Fireball 40 case
Message-ID: <37B8B07B.619AE76F@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have been looking for something really special to put my final (revB2)
Fireball 40 into. Something just a bit beyond the Altoids cases I've
used for earlier versions. While wandering through the local Target
store with my XYL on some un-hamradio matter, I spotted the perfect
case. It is an Altoids-like tin holding Brown&Haley "Extra-Strength
Cinnamons" The tin is orange and white and the top has a drawing of a
man breathing fire. The perfect setting for a Jersey Fireball!!! And
guess what, the cinnamon mints taste way better than Altoids. QRP life
is good!!!

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Mon, 16 Aug 1999 21:10:44 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [47672] Re: Question Re Dial Cords
Message-ID: <3.0.32.19990816211040.0072cfd4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 02:43 PM 8/16/99 -0400, you wrote:

>What material is suitable to dress dial cords?

>

>73 de Joe, K3CHP

>Riverdale, MD

Joe,

In my first real job in a radio shop we used a GC product that worked very well. My superhuman smell memory says "GUM BENZOIN".

It is a very aromatic gum and quite sticky...probably dissolves in alcohol. I think it is a major ingredient in "TUF SKIN" used by athletes and available at the drugstore. Don't drink it, your breath will smell good but your guts will stick together.

72/3/88 Pete NV4V vvvvvv...Mangy Mushers Afterburner Scooper

Date: Mon, 16 Aug 1999 03:19:06 -0600
From: "William R. Colbert" <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [47673] Re: Command Set Stuff
Message-ID: <37B7D78A.B74869C2@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Mike, I guess we all are getting about that age. I remember my ARC5 vfo/drivers for my homebrew pair of 100th's modulated

with 8005's on 75, 80 and 20 meters. The antenna feedline connected directly to the swinging link on the tank coil. Watched how the settings of the link (and tube colour changes) thru the plexiglass top. Ah, memories!

--

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 16 Aug 1999 18:31:31 -0700

From: "John Moriarity" <k6qq@hdo.net>

To: <nielsen@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [47674] Re: Command Set Stuff

Message-ID: <002301bee850\$3d358d20\$f9424cd1@k6qq>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

> >

> > I drooled over those ARC-5s at the hamfests -- they were so much more stable

> > than my Meissner.

>

> It was frequently referred to as the "Signal Drifter".

Actually, the full name was "Miserable Signal Drifter". I used one to drive a single 814 (no, not 813, 814) for several years in the '50s. Yeah, I'm that old, too!

72,

John, K6QQ

Alturas, CA, at the corner of 299 & 395.

Date: Mon, 16 Aug 1999 21:38:36 -0400
From: "A. Jenkins" <beaks@westco.net>
To: "QRP-L" <QRP-L@Lehigh.edu>
Subject: [47675] Logging software?
Message-ID: <002501bee851\$3a368880\$33dc0bd0@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, could someone steer me in the direction of a simple logbook program for Windows, doesnt have to have a zillion features, just basic logging would be great.

Thanks!

Arch N8EAG

Fairmont, WV

Date: Mon, 16 Aug 1999 18:46:25 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: beaks@westco.net
Cc: qrp-l@lehigh.edu (qrp)
Subject: [47676] Re: Logging software?
Message-ID: <199908170146.SAA11376@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Arch,

You might want to have a look at LogEQF. A shareware version is available to try out, and the registered version is not expensive.

cheers, Paul VE7CQK/email: paule@sfu.ca

>

> Gang, could someone steer me in the direction of a simple logbook program
> for Windows, doesnt have to have a zillion features, just basic logging
> would be great.

> Thanks!

> Arch N8EAG

> Fairmont, WV
>
>

Date: Mon, 16 Aug 1999 21:49:58 EDT
From: Drbob92031@aol.com
To: qrp-l@lehigh.edu
Subject: [47677] Re: Magnet Wire
Message-ID: <6b4f358b.24ea19c6@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 8/16/99 7:52:43 PM Eastern Daylight Time, cdhamel@pdq.net writes:

Charlie; the lower the # the thicker the wire. so 20ga is thicker than 30ga
73/72 de Bob,,WA2EAW

Date: Mon, 16 Aug 1999 21:51:29 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <beaks@westco.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47678] Re: Logging software?
Message-ID: <004101bee853\$08155d20\$3e3267d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arch,

Try LOGGER, it's free. Available at <http://www.itis.net/golist/>

73 de Vince, VE3VFN.

Date: Mon, 16 Aug 1999 20:59:48 -0500
From: Jeff Logullo <logullo@mindspring.com>
To: qrp-l@lehigh.edu

Cc: Peter_Simpson@ne.3com.com
Subject: [47679] Re: RS 63-970 WWVB Clock on sale
Message-ID: <37B8C20E.A671E3B5@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Peter_Simpson@ne.3com.com wrote:

>
> I stopped into my local Radio Shack this weekend, and discovered that
> the above-named clock is on sale for \$30 (down from \$50) 'till the end
> of August.

I have one of those and love it; it feeds my obsession for exact time quite nicely. And that reminds me...

I got a catalog the other day from "Klockit: World's leading supplier to clockmakers for 28 years". Wow! If you want to build a clock, from grandfather to cuckoo to mantel to whatever... they have any part you need. Hands, chimes, faces, kits.

And what did I see on page 31? "Radio Controlled Clock Movements" (stock #s 10087/10088/10089). Yes, *movements*. Lucious, delicious, ANALOG movements that sync with WWVB. Price? Would you believe \$23.95??!!! I gotta have one! Can you imagine sitting up until 3 AM on Daylight Savings night, watching those hands zoom around to the right time? Ha!

ObQRP (sorta): They also have 24-hour movements with 24-hour dials available. Sadly, not radio-controlled. But for \$10 or so you could build your own 24 hour clock for the shack. Hmm. Guess I better order one of those, too.

<http://www.klockit.com/>

Date: Mon, 16 Aug 1999 20:52:18 -0500
From: "Ed Manuel (N5EM)" <n5em@flash.net>
To: hqrp@stevens.com
Cc: qrp-l@lehigh.edu
Subject: [47680] HQRP Meeting This Saturday
Message-ID: <4.1.19990816203958.00943e10@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

This Saturday, August 21, 1999 will be the next regularly scheduled meeting of the Houston QRP Club. As usual, we will meet in the Community Room of the Union Planter's Bank, 5005 Woodway, from 9am until 11am. For those who might be from out of town, that's just north of the Galleria area, just west of the 610 Loop.

The HQRP Club is an informal group, no formalities, no officers, no agenda's. We just meet to discuss our projects, show off our latest creations, talk about QRP stuff and the like.

Visitors are always welcome. Talk-in is on the 146.700 (-) repeater. Donuts and coffee will be provided if you get there early enough :-)

Ed Manuel, N5EM
n5em@amsat.org

Date: Mon, 16 Aug 1999 21:00:23 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <cdhamel@pdq.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47681] Re: Magnet Wire
Message-ID: <001001bee854\$458518c0\$3a7154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bigger number is thinner wire.

A guy posted a mathematical relationship between AWG and diameter to a newsgroup a while back:

$$\text{Diameter (mils)} = 5 \times 92^{((36 - \text{AWG})/39)}$$

Pretty neat. A mil is 1/1000 inch.

72,

Nick, WA5BDU

-----Original Message-----

From: Charles Hamel <cdhamel@pdq.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Monday, August 16, 1999 6:52 PM
Subject: Magnet Wire

>Hi All, I just bought a pack of magnet wire from Rat Shack. It has 3
>rolls, one is red, one is green, and one is copper color, the wire is #22,
>#26, #30 gauge. My question is does the colors have any significance as to
>what gauge they are?? If not which is thickest?? 22,26 or 30??

>
>Thank you
>
>Charles
>KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
><http://www.angelfire.com/de/kc5dxq/index.html>
>
>
>

Date: Mon, 16 Aug 1999 21:06:22 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [47682] Re: Logging software?
Message-ID: <4.2.0.58.19990816210230.00947270@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I am going to buy DxBase2000.
Looks like a neat logging program and not much money at 55.00 if you are
registered user of another logging software.
It is a 32bit software and has Internet Dx cluster in it also.
Have a fun time looking at all of them, been there and done that.

73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Mon, 16 Aug 1999 21:05:05 -0500
From: "Nick Kennedy" <nkennedy@cswnet.com>
To: <w0av@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [47683] Re: Command Set Stuff
Message-ID: <001701bee854\$ed5f5f60\$3a7154d8@big>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

 He often used the shifter as a QRP rig and worked lots of DX
>on 20M CW.
>

Guess I was a little late for command sets, starting out in the early 60's.
(Though some people were using them.)

But I did do some primitive QRP with a high school buddy. "Hey, can you
copy this? I'm sending with my [Knight] VFO hooked straight up to the
antenna."

Probably lots of harmonics, but I could plead ignorance. QRP didn't have a
name then, it was just something crazy you tried for kicks. Like now?

72,

Nick, WA5BDU

Date: Tue, 01 Jan 1980 00:31:10 -0800
From: Don Trammell <dtrammel@traveller.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47684] QRP Vendors?
Message-ID: <12CF1DCE.53A0@traveller.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Speaking of QRP kit vendors, are any likely to show up at the Huntsville
AL hamfest this weekend? If so, I'll be searching for you on Sunday! I
sure would like to see a DSW-40 or a K2 in the flesh... just think, my
wife flies out to CA for a visit Saturday & leaves me alone with the
checkbook for Sunday at the hamfest! Have I been good or what? ;-)

Seriously, I will be looking for QRP related items & vendors during the
hamfest. I just got around to building my VE3DNL kit last night, boxed

it into a wintergreen Altoids tin with power switch & switchable marker outputs. It even has a removable whip antenna that stores inside of the tin for travel! I'll likely have it with me to check radios out with & promote kit building at the same time!

72/73, Don T. AI4CW

Date: Mon, 16 Aug 1999 22:13:27 -0400
From: "The One and Only!" <mitch96@pobox.com>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47685] Re: Question Re Dial Cords
Message-ID: <37B8C547.AB22C380@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

>
> At 02:43 PM 8/16/99 -0400, you wrote:
> >What material is suitable to dress dial cords?
> >
My superhuman smell memory says "GUM BENZOIN".
> It is a very aromatic gum and quite sticky...

My Squash Rot for a memory bank got jostled when you said BENZION.
About a thousand years ago in the far away land of BELLVUE HOSPITAL,
this young lad had a job in the Neuro Radiology Department. We would get
these poor souls off the street that compromised the integrity of their
cranium (whacked the horse puckie out of their heads).The good doctors,
after seeing how much blood had accumulated in their coconut, would
proceed to DRILL A HOLE IN THEIR HEAD TO RELIEVE THE PRESSURE. the only
way we could get tape to stick to the moist skin was.....
YUP YOU GUESSED IT!!!!!!
TINCTURE OF BENZOIN!!!!!!

the stuff worked great. i don't know if you can still get it but it was
some kinda sticky stuff. on dry or wet. And a SMELL you will never
forget.....hoooooChild!!

we now return you to your regularly scheduled program..

73, mitch ww4ml

lost in the ethers again..
a colloquial expression..no?

Date: Mon, 16 Aug 1999 19:37:37 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: jwodell@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47686] Re: rs clock
Message-ID: <37B8CAF1.5DF4092@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Me too; only wish it would do GMT (new model likely will!!). But I
can't resist a sale on a gadget!

Phil

"Jerry W. O'Dell" wrote:
>
> I got one of those things, and it works wonderfully.
> Even inside an aluminum building.
>
> You just set a couple of digits (don't matter much which)
> and it you're getting enough signal from WWV, in about
> 5 minutes, you will be perfect.
>
> #63-970, I think. Well worth the \$30.
>
> 73 jerry w8gnd who is now picky about time.

Date: Mon, 16 Aug 1999 22:05:47 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [47687] miles per watt
Message-ID: <001c01bee85d\$68ba6080\$2585fdd0@compaq>

OK so I'm excited. My first contact on my 38 special was to C06AZ. I
wonder if this was far enough, my 38s is still stock, my mfj said it was
less than 500 mw.

I'm really just happy the darn thing works.

Mark Hogan / N50BC

Date: Mon, 16 Aug 1999 22:10:59 -0500
From: Lee Bahr <bahr521@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [47688] Talking about MAGNET WIRE !!!
Message-ID: <37B8D2C3.605F947B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I went to a Radio Shack store the other day looking for some different colored number 28 magnet wire so I could once and for all wind multi winding toroid coils with different colored wire to more easily distinguish the windings. Low and behold, I found some GREEN number 28 at my local Radio Shack store! I took it to the counter where a young clerk was standing next to the cash register and I put it on the counter. Without hesitation, the young clerk grabbed the wire as though it was on fire and quickly moved it to another counter! After calming down, he explained to me this was MAGNET WIRE I was dealing with and he had some watches he was trying to sell on this counter and did not want the wire to magnetize them! I looked at him with approval, paid for the wire, and left!

Date: Mon, 16 Aug 1999 23:12:09 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [47689] Re: Question Re Dial Cords
Message-ID: <3.0.32.19990816231205.0070bce0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>this young lad had a job in the Neuro Radiology Department. We would get
>these poor souls off the street that compromised the integrity of their
>cranium (whacked the horse puckie out of their heads).The good doctors,
>after seeing how much blood had accumulated in their coconut, would
>proceed to DRILL A HOLE IN THEIR HEAD TO RELIEVE THE PRESSURE. the only
>way we could get tape to stick to the moist skin was.....
>YUP YOU GUESSED IT!!!!!!
>TINCTURE OF BENZOIN!!!!!!

> the stuff worked great. i don't know if you can still get it but it was
>some kinda sticky stuff. on dry or wet. And a SMELL you will never
>froget.....hoooooChild!!
>
>we now return you to your regularly scheduled program..
>
>
>73, mitch ww4ml
>lost in the eithers again..
>a colloquial expression..no?

Tnx Mitch....yes that is the stuff
Here is more than you ever wanted to know about it..
from Ed. Heron-Allen "Violin-Making" 1885
"Benzoin, Benjamin, or Gum Benzoic. The dried milky juice of
the Lithocarpus Benzoin, a tree indigenous to Siam and the Indian
Archipelago. (etc....etc) It is used in perfumery and medicine,
and is a component of court plaister. It fuses easily , and is
soluble in alcohol."
I don't know if GC sells the stuff anymore....but it worked great
and smelled really good.
I'm sure a pharmacy could direct a person to it.
72/3/88 Pete NV4V vvvvvvvv

Date: Mon, 16 Aug 1999 22:16:14 -0500
From: Tim Ahrens <tahrens@hilconet.com>
To: qrp-1@lehigh.edu
Subject: [47690] RE: Command Set Stuff
Message-ID: <37B8D3FE.B9ECEE0F@hilconet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody remember the Yellow Mod book.. think it was from CQ?

showing my age too. ;-)

cu

Tim W5FN

Date: Mon, 16 Aug 1999 23:23:02 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>

To: "qrp-L" <qrp-l@LeHigh.edu>
Subject: [47691] RE: ARC-5 -BC455B
Message-ID: <011701bee85f\$d1568cc0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

YES !

I had them both...

Eons ago my dad went to a Medical Meeting
in New York...

I asked him to go to Cordlandt Street...
and YES, he brought back a brand new in the
BOX T9 ARC-5 in Black Color crackle finnish...
7 to 9.1 mHZ, 1626 Oscillator and 2 X 1625 finals
in a MOPA configuration...

YES...again, I was able to make it work on
both CW and AM too...

using first a cathode modulator... then
a screen modulator and finnally full class B
plate modulator...

Receiver was 6 yo 9.1 Mhz coverage, BC455B
WIDE WIDE... with 2830 kHz IF...

SEE, still remember even the radio's IF
some 40 + years later...

UNFORTUNATELY I gave away both sets to
a young newcomer to the hobby , who never
used the ARC-5 and only ocassionally listened
to the BC455B.

The precision of the ARC 5 dial mechanism
with NO BACKLASH AT ALL, I have never seen
again in my whole life...

Looking for some of those BC457, 458 and 459s
still around here in the hands of old timers...
AND I AGREE 100 percent... they are collectors
items...

BUT, no one will stop me from running the
BC459 or ARC5 T22 or T23 ? with very low
plate voltage and no screen voltage to
put out some nice nostalgia QRP on the air !
72 and thanks to whoever started the thread
about the BC and ARC5 sets for reminding me
of my old man's best present ever !!!

Arnie
C02KK

e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Mon, 16 Aug 1999 23:42:27 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-l@lehigh.edu
Subject: [47692] The QRP-ARCI Toy Store
Message-ID: <4.1.19990816233623.00a09100@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The QRP-ARCI Toy Store now has a full stock (and will be shipping back orders this week) of heavy duty T-Shirts from Medium to real big. And they are Y2K compliant.

<http://www.tir.com/~k8dd/thetoystore.htm>

In the next few weeks we will be restocking hats as shown on the web page. At the present we have three charcoal hats!

(I am on "postpone" at this time because I'm on the road away from home for 2 to 5 days a week, so any questions - reply direct)

```

73      Hank      K8DD
*****
*                                                    *
*      The QRP-ARCI Toy Store                        *
* http://www.tir.com/~k8dd/thetoystore.htm          *
*                                                    *
*****

```

Date: Mon, 16 Aug 1999 20:53:06 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Lee Bahr <bahr521@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47693] Re: Talking about MAGNET WIRE !!!

Message-ID: <Pine.BSI.3.96.990816205111.21121A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Many years ago, a friend of mine went into a Radio Shack store and asked for Zener diodes. The clerk told him that they didn't have any. All of their diodes were made by Motorola.

Yeah, I believe these stories.

Chris

On Mon, 16 Aug 1999, Lee Bahr wrote:

> I went to a Radio Shack store the other day looking for some different
> colored number 28 magnet wire so I could once and for all wind multi
> winding toroid coils with different colored wire to more easily
> distinguish the windings. Low and behold, I found some GREEN number 28
> at my local Radio Shack store! I took it to the counter where a young
> clerk was standing next to the cash register and I put it on the
> counter. Without hesitation, the young clerk grabbed the wire as though
> it was on fire and quickly moved it to another counter! After calming
> down, he explained to me this was MAGNET WIRE I was dealing with and he
> had some watches he was trying to sell on this counter and did not want
> the wire to magnetize them! I looked at him with approval, paid for the
> wire, and left!
>

```

      /-----\
     /  What's all this  \
    / extinct stuff, anyhow? \
   /-----\
  _ | /
oo\
(--) \
     \ \ . ' . \
      \ \ / \
       \ " \
        \ ( ) \
         \ - | ) _ _ | : . \
          | | | | \ ' .
           c _ _ ; c _ _ ; ' - . ' > . _ _

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Mon, 16 Aug 1999 23:12:57 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: ctrask@primenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47694] Re: Talking about MAGNET WIRE !!!
Message-ID: <37B8E149.7A9A33B7@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Of course, the classic CB tale re Radio Shack is the guy who went in and asked for ten 100-ft rolls of RG-58 coax. When questioned as to what he was going to do with so much coax, he replied that he had read that it was over 3 db per hundred feet and that he was going to hook up his "whup arial" through all that coax to get 30 db! "Beats a lineer any day!"

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Mon, 16 Aug 1999 22:42:25 +700
From: cverbil@jps.net
To: qrp-1@Lehigh.EDU
Subject: [47695] GAP Antennas
Message-ID: <37b8f641.6dfd.0@jps.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody on the list have some direct experience with any of the GAP's? If you can, please forward your comments to me directly in addition to posting on the list.

Noisy?
Did the antenna work for you, both QRP and QRO?
Would you get another one?

Thanks for any information you can offer.

Chris N5CV

Date: Tue, 17 Aug 1999 02:01:08 -0700
From: Robert P Engelman <rengelwb8uoj@juno.com>
To: qrp-1@lehigh.EDU
Subject: [47696] MY RIG'S ALIVE !!!!!
Message-ID: <19990817.020112.-214423.1.rengelwb8uoj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey to all,

I got my 624 / Breed 40 meter QRP rig on the air in the wee hours of Tuesday morning, about 1am. I may have a bit of tweaking left yet, but it got to FLA, KF4KSM Mac, with about 8 watts out into my over the roof inverted V dipole.

I would like to thank all the persons who have put up with my questions and especially those who have taken the time to respond and offer help and encouragement to my numerous QRP problems.
A special thanks to Mac KF4KSM, Dave N0IT, Phil W7OX for "special help". Without them and the others who answered questions, I wouldn't have been able to get this "old" rig on the air.

I'm planning on trying to get the dipole set up a bit better and more permanent, The coax has to come in thru the back door and down the stairs to get to my rig. Not too bad now, but when the snow starts flying in a few months (YUCK) that may be a slight problem.

Thanks again to all, Y'all is the best!!

Bob WB8UOJ

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 16 Aug 1999 23:05:30 -0700
From: Gary L Surrency <gsurrency@juno.com>

To: qrp-1@lehigh.edu
Subject: [47697] Cuba DX
Message-ID: <19990816.230530.-4022475.1.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

C08JY was working a number of QRPers on 14.0135 MHz tonight at about 0525Z. I was using the K2 at 5 w with an R7000 vertical.

Hope some of you were lucky enough to catch him. Not much else on 20m tonight, but C08JY was peaking S9 here in AZ.

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 16 Aug 1999 23:56:10 -0700
From: Russ Dow <n7dw@garlic.com>
To: cverbil@jps.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47698] Re: GAP Antennas
Message-ID: <37B9078A.840A715F@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris,

The GAPs take more effort to assemble than your typical multiband vertical, and the result looks a bit like stacked bird cages. Care must be taken in erecting them and taking them down. But they work, and they work well. At least mine did.

I had a Titan DX at 14 feet in 1996. Worked New Zealand once, from Southern California on 30 meters with my Sierra at 2 watts. At the bottom of the sunspot cycle. Daily I worked QRP easily up and down the west coast, and east to Colorado and beyond. When the higher bands were open (not often in 1996) I worked farther out. Still with 2 watts. Had it guyed with dacron rope just above the feedpoint (the gap) and it withstood 70 mph winds. The rope stretched but held. I would

strongly recommend guying.

Now I live in a rented house and the landlady won't allow me to put it up, but I still have it and it ain't for sale! :-)

A few months ago there was a very interesting comparison test posted on this list, of a GAP vs. a full quarter wave vertical. The GAP lost big time according to that test. Maybe so, but it was apples and oranges. If you want the max from a vertical, by all means go with separate single band, full quarter wave verticals and the best ground plane you can create. But for 8 bands in one antenna with no traps or radials, I think the GAP is a good choice.

Usual disclaimers apply. Just a satisfied user, I am.

73,
Russ N7DW

cverbil@jps.net wrote:

> Anybody on the list have some direct experience with any of the GAP's?
>
> Noisy?
> Did the antenna work for you, both QRP and QRO?
> Would you get another one?

Date: Tue, 17 Aug 1999 09:35:12 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <cverbil@jps.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47699] SV: GAP Antennas
Message-ID: <199908170735.JAA17157@d1o22.telia.com>

I work DX all over the globe more ore less every day with a GAP Titan.
Japan, Asia, South America, USA, Africa with QRP 4 or 5 watts or less. Rigs
are NC20, DSW40, SG2020, HW8 at the moment for QRP.
(And sometimes QRO as well since you ask. Works very well with a full kW as
well. But the statement above is still for QRP!)

Working USA from Sweden with the GAP Titan QRP is mostly everyday business.

I am most of the time working 21, 18, 14, 10 and 7 MHz. Most often CW, but
also SSB.

And yes, I would buy one again. As a matter of fact I just am. We are buying another GAP Titan as a WARC antenna for the Radio club to be used together with five element mono on 20, four element mono on 15 and 20, five phased slopers on 40, dipole on 80 and single element vertical quad on 160. So we are using good antennas for all bands...

And, no, I have got no connection with GAP, we dont even have a GAP representative in Sweden so (even though GAP state that we have, the former dealer in Sweden says GAP is to slow to deal with so he has stopped dealing with GAP though he is using one GAP antenna himself) so we have to import it ourself.

GL es 72

Hans / SM4ATJ

-----Ursprungligt meddelande-----

Fr n: cverbil@jps.net <cverbil@jps.net>

Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Datum: den 17 augusti 1999 07:42

mne: GAP Antennas

>Anybody on the list have some direct experience with any of the GAP's? If you

>can, please forward your comments to me directly in addition to posting on the

>list.

>

>Noisy?

>Did the antenna work for you, both QRP and QRO?

>Would you get another one?

>

>Thanks for any information you can offer.

>

>Chris N5CV

>

Date: Tue, 17 Aug 1999 00:09:54 -0800

From: Bruce Hopkins - KL7H <kl7h@arrl.net>

To: beaks@westco.net

Cc: qrp-1@lehigh.edu

Subject: [47700] Re: Logging software?

Message-ID: <v03007800b3dec7f7bb50@[208.161.164.161]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Arch & Gang...

I have been using XMLog for over a year and find it quite adequate...
I have been using version 1.27 and I see that they are now up to version
2.14... It is freeware...

Take a look at their website and check it out...

<http://www.xmllog.com/>

Take care and have fun... I have CC'd this to the list as it is one
of the frequently asked questions...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhoppkins/akqrp>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Tue, 17 Aug 1999 02:16:31 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47701] Needed - Florida - NC20 Kit Builder
Message-ID: <012f01bee891\$31e5d380\$0100a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks, I have a request from a ham in Florida who purchased an NC20 kit but now
finds he doesn't have the eyes and hands to build it. He's looking for some kind
soul to help him out with the build. Please reply to me directly if you think
you can
help this gentleman and I'll put you in touch with him.

Thanks,
Dave Fifield, AD6A

<http://www.redhotradio.com>

Date: Tue, 17 Aug 1999 04:58:15 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <ctrask@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47702] Re: Talking about MAGNET WIRE !!!
Message-ID: <000201bee898\$9cef3cf0\$7e66d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Chris/Gang,

> Many years ago, a friend of mine went into a Radio Shack store
> and asked for Zener diodes. The clerk told him that they didn't have any.
> All of their diodes were made by Motorola.

Around 20 years ago, I walked into the local Radio Shack and asked
for 100 feet of RG58/U coaxial cable, and the salesman said that they
didn't have any of that kinda' stuff. I told him not to worry about it, and
then I said, "Do you have any Coax?" The salesman said, "Sure! We
have tons of that stuff. We sell it to the CB operators all the time. What
kind would you like -- the big stuff or the little stuff?"

> Yeah, I believe these stories.

As you should :^).

72/73,

Randy Jouett, AB5NI

Date: Tue, 17 Aug 1999 04:59:22 -0500
From: George F Franklin <w0av@juno.com>
To: tahrens@hilconet.com
Cc: qrp-1@Lehigh.EDU
Subject: [47703] Re: Command Set Stuff
Message-ID: <19990817.051314.-138819.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Tim,

Yup, I had one of those mod books for command sets and about wore it out over the years.

Worth its weight in surplus back in those days.

72/73 de George/W0AV

Date: Tue, 17 Aug 1999 05:01:11 -0500
From: George F Franklin <w0av@juno.com>
To: inforhc@mail.infocom.etecsa.cu
Cc: qrp-1@Lehigh.EDU
Subject: [47704] Re: ARC-5 -BC455B
Message-ID: <19990817.051314.-138819.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arnie,

You are right about the dial mechanism. It was superb.

That's why I want one to build a QRP transceiver!

72/73 de George/W0AV

Date: Tue, 17 Aug 1999 05:07:01 -0500
From: George F Franklin <w0av@juno.com>
To: ctrask@primenet.com
Cc: qrp-1@Lehigh.EDU

Subject: [47705] Re: Talking about MAGNET WIRE !!!
Message-ID: <19990817.051314.-138819.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Chris,

Don't be too hard on the RS youngster.

Many years ago I went into a "radio store" which served the local radio/TV repair shops in the area.

A customer asked the clerk for an electrolytic capacitor, 40 and 20 mfd at 450 volts.

The clerk went back to check stock, returning to tell the customer "all we have is a 20 and 40 mfd." The customer said "OK, I'll try somewhere else."

Stupidity ain't new.

72/73 de George/W0AV

Date: Tue, 17 Aug 1999 07:39:46 -0400
From: "Pete Meier" <pete.meier@lmsna.com>
To: "Qrp-L" <qrp-l@Lehigh.EDU>
Subject: [47706] Michigan Challenge bonus!!
Message-ID: <000101bee8a5\$34edcc40\$c847fccc@lmsna.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Michigan Challenge, a new QRP contest, is this Saturday, August 21, 1999 1600-2000 UTC. Details and rules at the Michigan QRP Club web page:
<http://www.tir.com/~k8dd/miqrp.htm> .

We "challenge" you to work us. Look for the following stations to score Bonus points:

W8NJH , NC8N , WK8S and there may be one or two more who will sign with designator "fox" in report exchange.

Pete WK8S

Date: Tue, 17 Aug 1999 06:46:23 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: w1hue@amsat.org, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47707] Re: Good life...
Message-ID: <002201bee8a6\$225ba880\$5b37a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Spent the weekend listening to yellow grass dry up. Temperature in the low 100's. No rain (since the first of June).

Larry, you're cruel.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Tue, 17 Aug 1999 08:08:09 -0400
From: "Tom Bowman" <tbowman@nbn.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [47708] Buy/build Probe-style o-scope
Message-ID: <001701bee8a9\$2ca9dfc0\$1c468bd0@tombowma>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

About two years ago, Radio Shack sold a "probe-style oscilloscope," model 22-310, reviewed in August 1997 QST. A check at the local store shows it's discontinued.

Anyone have one of these they'd like to sell OR has anyone found a similar circuit on the Web to make a probe along with a source for the software?

The QST review is very thorough and that talks of the limitations - it's

prone to aliasing - so I'm going into this with eyes open.

73,

Tom, WA3REY

<>< Tom Bowman, WA3REY
QRP-125
Mount Gretna, PA 17064

Date: Tue, 17 Aug 1999 07:07:53 -0500
From: K10J <k10j@ditdit.com>
To: QRP-L Discussion <qrp-l@Lehigh.EDU>
Subject: [47709] Fox Team
Message-ID: <000501bee8a9\$2335d480\$42e3c1cf@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Another all Texas fox hunting team:

TeamCramp.com
K10J - OJ, Houston Texas
K5VUU - George, Houston Texas
K5NZ - Mike, Bedis Texas
NM5M - Eric, Dallas Texas

OJ---K10J
dit dit
..

Date: Tue, 17 Aug 1999 08:14:18 -0400
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [47710] Re: AF Chain Order
Message-ID: <37B95219.C99E44BE@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Filtering first results in better dynamic range, while the preamp first results in better sensitivity.--Zack W1VT

Date: Tue, 17 Aug 1999 07:28:23 -0500
From: "Jerry Decker N5RV" <n5rv@hex.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47711] Re: Good life...
Message-ID: <001d01bee8ac\$012b81c0\$0401a8c0@n5rvrtr.hex.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dry over here in Irving too Steve. Spent the weekend trying to water and realized I could spend that money on new QRP gear, HIHI.

de Jerry N5RV

----- Original Message -----
From: Steve Yates, AA5TB <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, August 17, 1999 6:46 AM
Subject: Re: Good life...

> Spent the weekend listening to yellow grass dry up. Temperature in the
low
> 100's. No rain (since the first of June).
>
> Larry, you're cruel.
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> <http://home.swbell.net/aa5tb>
>

Date: Tue, 17 Aug 1999 08:30:16 -0400
From: Michael Maiorana <mikemo@ibm.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [47712] Re: Talking about MAGNET WIRE !!!

Message-ID: <37B955D8.CD60B44B@ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Don't forget the RadioShack guy who spent over 1/2 hour with me trying to find a store with one of those "awesome" discounted closeouts. I've never had a bad customer experience at a RadioShack. Granted, the employees are not EE's, but they sell stereos and cell phones mostly. Where else can you get a multiband dipole for under \$2 ;-)

Just sticking up for them (no I don't work there).

> Many years ago, a friend of mine went into a Radio Shack store
> and asked for Zener diodes. The clerk told him that they didn't have any.
> All of their diodes were made by Motorola.

--

72 de KU4QO

Mike Maiorana

Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

Date: Tue, 17 Aug 1999 08:26:59 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <tbowman@nbn.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [47713] Re: Buy/build Probe-style o-scope

Message-ID: <001c01bee8ab\$ceac42c0\$9001a8c0@mikey.wn.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>About two years ago, Radio Shack sold a "probe-style oscilloscope,"
model

>22-310, reviewed in August 1997 QST. A check at the local store shows
it's

>discontinued.

>

>Anyone have one of these they'd like to sell OR has anyone found a
similar

>circuit on the Web to make a probe along with a source for the software?
>
>The QST review is very thorough and that talks of the limitations - it's
>prone to aliasing - so I'm going into this with eyes open.
>
>73,
>
>Tom, WA3REY

It may not actually be discontinued. Rather, it's discontinued as a stock item. Did they check the special orders?

Mike Yetsko
N1DVJ

Date: Tue, 17 Aug 1999 08:08:40 CST
From: "Kenneth Hopper" <n9vv@mail.hamsnet.net>
To: QRP-L@Lehigh.Edu
Subject: [47714] re: DxBase2000 website??
Message-ID: <199908170808.AA188940540@mail.hamsnet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have a URL (website) for DXBASE2000 ?
Altavista and Webcrawler never heard of it.
TNX,
Ken N9VV

Date: Tue, 17 Aug 1999 07:21:09 -0600
From: "Rod Cerkoney" <rwc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47715] Re: Talking about MAGNET WIRE !!!
Message-ID: <006701bee8b3\$6151e6a0\$418711d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>From the, if I didn't personally hear it, I wouldn't believe it department:
Many years ago I heard an RS clerk tell a customer: "This radio doesn't need
electricity, it uses batteries".

72/3 Rod, N0RC
da di dah

Date: Tue, 17 Aug 1999 09:34:26 -0400
From: "Charlie Fitts" <cfitts@neca.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47716] Re: [SWR/Harmonic Power Question]
Message-ID: <199908171335.JAA27111@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all for their responses to my question on SWR and harmonic power.
It sounds like there may be something to this but no real simple way to
quantify it accurately.

73/72 es tn timer agn.

Charlie Fitts, N1EI

Date: Tue, 17 Aug 1999 08:42:29 -0500
From: Brian Murrey <brian@iquest.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47717] OT Radio Shack Stories
Message-ID: <37B966C5.4FD1983@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hehehe...back in about 1983 or so, I had taken a trip to Ohio to visit
with a Sysop friend from GEnie. On the way home I stopped at a radio
shack to see if they had any leftover parts/stuff for my Model IV
computers at home. The clerk was a nice guy and we got talking about

microcomputers and the history of the TRS80's etc etc. It was pretty obvious that he had just swallowed a book on PC history or something, so I went way out on a limb and asked him if they had gotten any of those newfangled Xmodems in yet, the ones that supported sliding window kermit. He said, "I think so, but let me check"...so he runs off to a catalog and returns with the news that they're new, they're not in yet, he expected them next week, and they were around \$49.95 but he wasn't real sure about the price...but I could get them in 110, 300, and a 1200 baud model would be coming out soon.

I bought my Model IV blowout software (TK!Solver) and told him I would be sure to stop in later and take a look at those Xmodems.

72

"George T. Baker" wrote:

>
> Of course, the classic CB tale re Radio Shack is the guy who went in and
> asked for ten 100-ft rolls of RG-58 coax. When questioned as to what he
> was going to do with so much coax, he replied that he had read that it
> was over 3 db per hundred feet and that he was going to hook up his "whup
> arial" through all that coax to get 30 db! "Beats a lineer any day!"
>
> 72/73, George AMA 98452 R/C since 1964
> Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
> AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
> QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Date: Tue, 17 Aug 1999 09:47:10 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [47718] RS WWVB Clock - hacking info
Message-ID: <852567D0.004B8FF2.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

The clock's on sale till the end of the month for \$30. The referenced page gives instructions for removing the receiver and using it to sync your own clock.

<http://webtronics.com/wwwbsdr.html>

Peter, KA1AXY

Date: Tue, 17 Aug 1999 06:51:57 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: rengelwb8uoj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [47719] Re: MY RIG'S ALIVE !!!!!
Message-ID: <37B968FD.B9E2395C@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Robert P Engelman wrote:

>
> Hey to all,
>
> I got my 624 / Breed 40 meter QRP rig on the air in the wee hours of
> Tuesday morning, about 1am. I may have a bit of tweaking left yet, but it
> got to FLA, KF4KSM Mac, with about 8 watts out into my over the roof
> inverted V dipole.
>

Wonderful news, Bob .. hopefully we can hook up soon.

My current distraction is assembling and understanding a new telescope;
but should have it done tonight.

72/73 ... Phil

Date: Tue, 17 Aug 1999 10:37:05 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: tbowman@nbn.net, qrp-1@Lehigh.EDU
Subject: [47720] Re: Buy/build Probe-style o-scope
Message-ID: <19990817.103827.-238325.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom and Group

A sound blaster (SB) digital oscilloscope, frequency counter, sinewave generator and an a.f. sweep generator was available at >><http://lonestar.texas.net/~gore/equipment.html>>> but have just discovered this is not a good URL anymore.

Maybe one of the group has found the new URL for this test equipment.

Else, to my knowledge, as far as I know these files are public domain and I don't have any reservations about sharing because no registration was required on my part to open and or use the files.

There is another sit called
Amateur Radio Soundblaster Software Collection at
DL9QJ that has both "tools" and "modes".
>><http://www.muenster.de/~welp/sb.htm><<

John
N3AAZ
FM19xa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 17 Aug 1999 08:29:09 -0700 (PDT)
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@rocketmail.com>
To: qrp-1@Lehigh.EDU
Subject: [47721] VHF propagation over the weekend...?
Message-ID: <19990817152909.21771.rocketmail@web4.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

...anyone besides me observe the rather impressive VHF propagation over the weekend? I was channel surfing the TV and came across channel 3, which is usually just "snow". Instead, I had two channels wrestling for capture and the one that one was in South Carolina. That's well over a thousand miles away! I dropped the remote and darted into the "shack". The 4-land 2m SSB'rs were booming in here but with heavy QSB. Absolutely no CW stations to be found though. :^(So what was up? Was this ionization from the Perseid Meteor shower?

Or was there some other natural event taking place?
Just wondering...

72/73,
-Dale

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 17 Aug 1999 11:32:23 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [47722] NJ QSO Party - QRP
Message-ID: <3.0.6.32.19990817113223.00886e40@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi QRP Contesters,
Schedule some time for this weekend to operate the "NEW" contest=20
sponsored by NJ QRP Club. Well..... ok, the NJ QSO Party has been
around for years but it never recognized QRP as a category,
UNTIL NOW!

When is it? (2000Z Aug 21 to 0700Z Aug 22, and=20
1300Z Aug 22 to 0200Z Aug 23.=20
Phone and CW.)

The QRP NJ QSO Party will use the "Old" NJ QSO Party rules. (See Below).

If you are a QRP station send your log to:
NJ QRP Club
Ken Newman
81 Holly Drive

Woodbury, NJ 08096

or

N2CQ@ARRL.NET

If you QSO WQ2RP, add 100 points to your score per QSO.

You COULD send a log to the "Old NJQP" sponsor as well.

NJQRP will provide awards to the winner in each state and the winner of each NJ county (QRP Stations only).

~~~~~=  
~  
Here is the "Old NJQP Rules"

New Jersey QSO Party, sponsored by Englewood ARA, 2000Z Aug 21 to 0700Z Aug 22, 1300Z Aug 22 to 0200Z Aug 23. Phone and CW. CW contacts may not be made in phone band segments. 160 80 40 20 15 10 6 2 meters. Exchange QSO number and state/province/country; NJ stations will send QSO number and county. Count 3 points per QSO. Final score: QSO pts =B4 NJ counties worked (max 21). NJ stations QSO pts x states (but not NJ)/provinces/NJ counties (max, 49+13+21 =3D 83). Awards. Send logs and comments (include SASE for results) no later than Sep 18 to Englewood ARA, PO Box 528, Englewood, NJ 07631-0528

~~~~~  
Hope to hear you on the QRP NJ QSO Party !!!

=20

72 de

Ken Newman - N2CQ=20

Woodbury, NJ

N2CQ@ARRL.NET

=20

~~~QRP Contest Calendar~~~ =20

<http://www.njqrp.org/data/contesting.html>

=20

~~~ NJ QRP Club Callsign ~~~

WQ2RP

Date: Tue, 17 Aug 1999 11:45:56 -0400

From: "Tom Hybiske" <hybiske@generalatronics.com>

To: <kb0vcc@rocketmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [47723] Re: VHF propagation over the weekend...?
Message-ID: <00e101bee8c7\$9bd1b3a0\$8c68f326@generalatronics.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was vacationing this weekend & missed it Dale, but from what you describe, it sounds like sporadic "E". There was a strong weather front passing across the eastern half this weekend, which is sometimes associated with "E" openings.

Tom K3GM

> ...anyone besides me observe the rather impressive VHF
> propagation over the weekend? I was channel surfing the
> TV and came across channel 3, which is usually just "snow".
> Instead, I had two channels wrestling for capture and
> the one that one was in South Carolina. That's well
> over a thousand miles away! I dropped the remote and
> darted into the "shack". The 4-land 2m SSB's were
> booming in here but with heavy QSB. Absolutely no CW
> stations to be found though. :^(So what was up?
> Was this ionization from the Perseid Meteor shower?
> Or was there some other natural event taking place?
> Just wondering...
>
> 72/73,
> -Dale

Date: Tue, 17 Aug 1999 08:51:57 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-1@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [47724] NW QRP Club meeting This Saturday
Message-ID: <00a501bee8c8\$7084b0c0\$d1added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings QRPers -

Our long awaited Summer NorthWest QRP Club meeting is this Saturday at Andy's Diner in Seattle, WA.

The meeting starts at 11 AM, and all QRPers are welcome to attend.

For those of you who have not attended our meetings before, Andy's Diner is on 4th Avenue, about two blocks South of the King Dome. Andy's is located on the West side of the street, and there is always plenty of free parking.

Remember to enter in through the back door of Andy's since the restaurant does not "officially" open up until 12 noon to the general public.

C U there!

Bill-N7MFB

<http://www.willapabay.org/~bill>

Date: Tue, 17 Aug 1999 10:55:43
From: "Henry Knoll" <knoll003@tc.umn.edu>
To: qrp-1@Lehigh.EDU
Subject: [47725] WTB: PSpice Book
Message-ID: <iss.618e.37b985da.275e5.1@amethyst.tc.umn.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does any one have the book "PSpice - A Tutorial" by L. H. Fenical they want to sell. Please e-mail me privately. Thanks and 73/72

Henry WA0GOZ

Date: Tue, 17 Aug 1999 12:29:36 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <rules@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47726] Radio Shack
Message-ID: <000501bee8cd\$b21653e0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

That's why i try to avoid the place! Vy 73, AI2Q, Alex in Kennebunk, Maine

>
>
> Hi Chris/Gang,
>
> > Many years ago, a friend of mine went into a Radio Shack store
> >and asked for Zener diodes. The clerk told him that they didn't
> have any.
> >All of their diodes were made by Motorola.
>
>

Date: Tue, 17 Aug 1999 12:51:28 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [47727] How about the BC-610
Message-ID: <19990817.125240.-81881.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, I had an ARC-5 too. . .
. . . but . . .
how about the BC-610, ever have access to one of those beauties?

When you keyed that transmitter (AM >>plate modulation<< 100 percent)
it sounded like hitting two big cast iron skillets together . . .
. . . both in the shack A N D
at the distant end !

00TC #3781
N3AAZ

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Date: Tue, 17 Aug 1999 12:55:07 EDT
From: PDouglas12@aol.com
To: qrp-1@lehigh.edu

Subject: [47728] FS: Radiokit QRP 30
Message-ID: <349519a.24eaedeb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

I have a somewhat unusual (not exactly rare, though) rig to sell, a Radiokit QRP 30. This is an original Littlefield design, predecessor to the MFJ QRP line, and very similar. It is really small, has a built in speaker, audio filter, four crystal superhet receiver, RIT, and is spec'd to put out 5 watts. However, the design is so tight, RF gets into the transmit line, effectively limiting output power to about 2.5 watts. This was from a defunct kit company that sold a number of these radios, many of which did not work, due to the difficulty of the construction, and variations of parts supplied. This one works. I am testing the waters here to see if some of my surplus rigs can be sold to good homes. And no, I'm not moving to Arizona. Too many Texans moving there. :-)

I am thinking that \$75 would be about right, including postage...the kit sold for \$99 originally. Thanks for the bandwidth.

72,

Preston WJ2V

Date: Tue, 17 Aug 1999 13:17:39 EDT
From: Dean W Manley <kh6b@juno.com>
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [47729] RE: Command Set Stuff
Message-ID: <19990817.072201.5391.1.kh6b@juno.com>

"Command Set Roundup" a CQ publication
edited by Herb Brier W9EGQ (SK)

I believe he changed his call sign before becoming
a SK.

In Michigan, I had a command set on 80 meters
in the 1950s, checking in the daily QMN net on
3663 kc. I was running 2 watts QRP and it was
fun. Almost every day the NCS would hear me
OK, except once. As I remember W8NOH with his
new kW received a QRZ? from the NCS.

Ade's book, "The Joy of QRP" has a reference to an ARC-5/Command Set as a mobile transmitter with 12 VDC on the filaments and plates. I've always wanted to try that! Too many projects, so little time!

Aloha,

Dean KH6B
Hilo Hawaii

>Anybody remember the Yellow Mod book.. think it was from CQ?

showing my age too. ; -)

>cu

>Tim W5FN

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Date: Tue, 17 Aug 1999 11:17:42 -0600
From: Dave Ek <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Cc: tbowman@nbn.net
Subject: [47730] Re: Buy/build Probe-style o-scope
Message-ID: <3.0.6.32.19990817111742.007b36a0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've seen the probe scope advertised in electronics magazines as the osziFox. Here's a URL I found on the web:

<http://www.wtt-germany.com/doc/oszi.html>

I have one of these (purchased from Radio Shack a few years ago) and find it quite handy. It's not a replacement for a real oscilloscope but it's handy for troubleshooting, sensing RF or other oscillations, etc. I'm constantly finding new uses for it.

72,

Dave AB0G0

Date: Tue, 17 Aug 1999 11:20:07 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-l'" <qrp-l@lehigh.edu>
Subject: [47731] 2N2/40
Message-ID: <01BEE8A2.782FD820.bmug@gwl.com>

Well I got the chance to work on my buildings - looks just like Manhattan in the movies.

I cut a bunch of little shapes to glue into place and it went slick. My daughter likes the new "gold" ear, nose, chin, elbow, knee rings I have now.

I was looking at my handy work last night and noticed a layer of something (probably fumes from the glue) on the surface of the board. Any suggestions for cleaning? I looked in the NorCal instructions and they recommend a solvent or cleaner - anything in particular - I haven't had any benzene since school.

Now to get some time to warm up my iron and melt some parts.

de KI00T, Brad

Date: Tue, 17 Aug 1999 12:43:54 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [47732] Modified 2N2/40-- killer rig
Message-ID: <199908171726.NAA22687@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy Gang,

This works so well, got to tell ya about it :-)

Some time ago, I built up the receiver part of Jim's 2N2/40 rig on a pcb layout. Got it to work, but didn't do anything with it. Last week or so, I dug it up and made some mods.

The only major changes I made, other than a few parts substitutions, were to the audio section. I used a pair of 10.7 MHz IF transformers padded down to 7 Mhz for the input filter, used low noise 2N5088's instead of 2N2222's in the RF sections and a SBL-1 for the mixer.

I pulled the discrete audio amp off the board and added a quad TL-084 op amp and MC34119 audio amp. The op amp provides a 700 Hz audio BPF, audio gain stage and sidetone oscillator, with one section to spare. The MC34119 audio amp doesn't like to drive a 8 ohm speaker, it's spec'ed for a 32 ohm one, but drives the "resonant tumbler" quite nicely.

For the VFO, I used one of my "mini DDS" boards and built a 4 watt RF amplifier (didn't use 2N2222's here either) to complete the package. It all fits in a 3" wide, 2" high, 5" long aluminum "mini" box, with the 3x2" end serving as the front panel. The DDS board produces the 7 Mhz Tx signal directly, so there was no need for a Tx mixer board.

Boy, does this work great! I have virtually no hiss in the speaker, signals just pop out of the slight atmospheric background noise. If I can't hear/work the Foxes with this rig, I need a better antenna!

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Tue, 17 Aug 1999 10:29:35 -0700
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [47733] ZM2 troubleshooting #2
Message-ID: <37B99BFF.47FB94F5@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I posted the ZM-2 troubleshooting guide that I sent to the list on our web forum:
<http://emtech.steadynet.com/forum/bforum.mv>

I need input on readability, understandability, and just plain mistakes/oversights. I would really appreciate some input. Sometimes I write something and it makes perfect sense to me, but others find it difficult to follow.

You can post directly to my posting.

THANK YOU!!!!

--

Scott Gregson - KC7MAS

emtech@steadynet.com

<http://emtech.steadynet.com>

+++++

Scott Gregson Co. / Emtech / CFC

1127 Poindexter Ave W

Bremerton, WA 98312

Date: Tue, 17 Aug 1999 13:33:32 EDT

From: charles k brown <n4so@juno.com>

To: qrp-l@lehigh.edu

Subject: [47734] 2N3553 power amp transistor

Message-ID: <19990817.173008.6743.1.n4so@juno.com>

Have an extra power amp transistor for the SST CW Transceiver. Brand new/never used and sold the SST so will never use it.

Let me know if you can use a 2N3553.

Ken Brown, N4SO

QTH nr Mobile, AL/ EM50tk

qrp-l #622

n4so@juno.com

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Date: Tue, 17 Aug 1999 13:33:32 EDT

From: charles k brown <n4so@juno.com>

To: qrp-l@lehigh.edu

Subject: [47735] NC-20 mods

Message-ID: <19990817.173008.6743.3.n4so@juno.com>

This is a long discussion of NC-20 mods in text file format.
Send me a note and ask for ncmods.txt

Ken Brown, N4SO

QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

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Date: Tue, 17 Aug 1999 10:45:55 -0700 (PDT)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [47736] TURBOLOG
Message-ID: <19990817174555.1118.rocketmail@send205.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Anyone have the URL for TurboLog??

72's es 73's,

Brad, W5CGH

===

| | |
|--------------------|--------------------------|
| Brad Bradfield, PE | Systems Engineer |
| W5CGH (ex WB0CGH) | Raytheon Systems Company |

Real men talk with their fingers!!

| | | | |
|---------|------------|-----------------|-------------|
| NORTEX | QRP-L #377 | QRP-ARCI | SMIRK #4906 |
| ARS #72 | NORCAL | Austin QRP Club | #e |

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 17 Aug 1999 10:52:35 -0700
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [47737] Non QRP ?
Message-ID: <37B9A162.222FC40F@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I find that you guys have many good answers to many non-QRP questions, so I've got another one.

I do some sound/video stuff at our church. I've found that when we have a music group in to sing, their system and ours don't get along well when I get "line" output from them to feed to our system (giving me audio on the video, and sound for the nursery and tape recorder, etc) - get buzz/hum etc.

The problem is because the 115VAC outlets that they are using are on the other phase of the power supply than I am. I will probably swap the wires around in the circuit breaker box eventually. This problem is common and the industry has come up with a solution called a "Direct Box". Another (sometimes works) solution is to "lift" one or the other system from ground (or so I'm told).

I just found out last night that the same phase problem applies to video. If we use 2 cameras, one powered from the same outlet as the video mixer, the other powered from the other side of the room, and therefore the other phase of power, I get a vertically moving bar on the video output from the second camera. I ran an extension cord (unsightly arrangement) from the same outlet as the video mixer and the phase stuff was gone.

Does anybody have a circuit design for the "Direct Box", and maybe a little theory. Also, how could I use this for the camera getting power from the other phase?

Thank you!

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>

+++++

Scott Gregson Co. / Emtech / CFC
1127 Poindexter Ave W
Bremerton, WA 98312

Date: Tue, 17 Aug 1999 18:53:35 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: "GQRP-L" <gqrp@onelist.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [47738] Useful h/b site
Message-ID: <004301bee8d9\$6f4b36a0\$faa732d4@prsat0x1>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/ei9gq/index.html>

Lotsa circuits including a 30 W amp!

73

Frank, G3YCC

QRP web page <http://www.karoo.co.uk/g3ycc/>

Date: Tue, 17 Aug 1999 13:09:56 -0500
From: George F Franklin <w0av@juno.com>
To: n3aaz-qrp@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [47739] Re: How about the BC-610
Message-ID: <19990817.130957.-93303.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello John,

BC-610; oh, yeah!!!

In Germany right after the war I was in a position where I had access to a warehouse full of BC-610's and SX-28 receivers, all of which were destined to be crushed and buried in the ground.

In a Sgt. Bilko type of operation, I hauled a dozen or so of each of the above to a storage building, and issued them out to GI hams as they received their D4 tickets from the Chief Signal Officer's deputy, Ralph V. Fite, D4AAA (now SK). My call was D4ACD in Frankfurt back in 1946/47. The list of "recipients" included some high-ranking military types who knew better than to ask questions as to the origin of these goodies.

Since 10M was the only band legally available to us, we developed a 10M mod for the BC610 which consisted of changing the parallel 807 drivers to a doubler and rewiring the BC610 250TH tank circuit with copper strap (instead of the lossy braid). The completed rig worked well on 10M AM and CW, but was well known for its RF splatter from the potent Class B

modulator. Yep, the modulation transformer talked back like a loud speaker, and audio feedback to the mike would result if you turned the mike gain up too high!

Previous to the "authorized" activities described above, I operated on 20M CW and AM as D4USA for some months, but that is another story. As each spurious newcomer showed up on 20M (from the GI ranks) we issued him a consecutive call sign, ie. USB, USC, etc. As I recall, we had 'licensed" USJ when the ASA descended upon us as a result of complaints from the UK military. It seems that my/our favorite ragchewing frequency was on a British net of some sort

Thanks for the memories. Sorry that this QRO nostalgia took up so much BW on QRP-L.

In72/73 de George/W0AV

Date: Tue, 17 Aug 1999 11:19:31 -0700
From: Tayloe Dan-P26412 <Dan_Tayloe-P26412@email.mot.com>
To: "'Wb4jjj@aol.com'" <Wb4jjj@aol.com>, "'qrpl'" <qrp-l@Lehigh.EDU>
Subject: [47740] Re:[47634] Help Wanted with Meter #2...no more
Message-ID: <87568F78ABDCD211A0AC0008C707718B3194B8@az10exm03.sat.mot.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

>If this is an SWR meter, it is the simplest and cheapest one I ever saw.

>And, when you tune up on the air running 5 watts, the bridge's absorptive
>qualities attenuate the signal so only those listening for half a milliwatt

>or less can hear you.

>Sorta like cheating.

>Al, WB4JJJ

>Alan A. Wheeler

>Fairfax, Virginia

If this is the circuit I think it is, it does not work very well. One of the ARRL QRP reference books has a bridge type SWR circuit that has the transmitter transmitting into a 51 ohm dummy load. The power across that load is then sampled using something like a 1K resistor which feeds rf power to a bridge circuit. The antenna is connected to the bridge circuit.

This circuit works poorly at QRP levels because there is very little RF

voltage
at the bridge circuit to work with. Low voltage levels mean that there may not be enough mismatch rf voltage to overcome the detection diode voltage drop
and to detect a SWR mismatch.

I built one of these myself, and quickly discovered that a 50 ohm load was 1:1 SWR, so was a 100 ohm and 150 load. A null should indicate a 50 ohm match.
However, it took a very bad mismatch to get the needle to move off a perfect match using two watts.

The resistive bridge is used a lot for QRP, but the RF from the transmitter is normally placed right across the bridge, with each leg being 50 ohms rated
at a watt or two (example: Six 1/4w 300 ohm resistors in parallel = 50 ohms, 1.5w).
In this arrangement, 1/4 of the input power will make it to the antenna if the antenna is 50 ohms. At the 1+ watt level it also provides a fair amount of rf voltage to work with in detecting SWR.

- Dan Tayloe, N7VE, Phoenix, Az, Az ScQRPions, QRPL # 696

Date: Tue, 17 Aug 1999 10:33:08 -0800
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
To: n9vv@mail.hamsnet.net
Cc: qrp-1@lehigh.edu
Subject: [47741] re: DxBase2000 website??
Message-ID: <v03007800b3df5a51020b@[208.161.166.175]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Anyone have a URL (website) for DXBASE2000 ?
>Altavista and Webcrawler never heard of it.
>TNX,
>Ken N9VV

Hi Ken & Gang...

Their website is located at: <http://www.dxbase.com/>

To find them I used my favorite search engine that scans most of the biggie databases in one pass... It is called MetaCrawler and can be found

at: <http://www.go2net.com/search.html>

Hope that this is of some help... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhoppers/akqrp>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Tue, 17 Aug 1999 18:33:27 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [47742] Horizontal Loop Antenna.
Message-ID: <37B9AAF7.6048@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good day QRP'ers! I've been having fun with the 28 AWG temporary wire loop antenna. It is a resonant full-wave at 7040 KHz or so. I haven't measured the final length, just resonated it and cut it down until it was at the desired frequency.

It is 4 feet up and a great performer for LOCAL work. The QRN is low when compared to the sloper and I seem to be getting lots of QSO's from this QTH 60 miles north of SFO. Strong signals have been from just about anywhere in CA, OR, WA, and some CO stations. NV is easy as well.

Not bad for 4 feet above the ground and 28 AWG run along the wood fence and insulated by small string loops around the fence slats. After studying the data on full-wave loops it seems true that the higher radiation resistance really makes these performers. It sure would be nice to have one up 1/2 wave and in the vertical plane.

But the Loop Skywire works well. Though I refer to this very low loop and the "Loop Groundwire" Ha, ha, ha, hee!

Sorry for the outburst, I've been saving that pun for awhile...

I am surprised it hasn't broken yet. We have to lift up a wire to walk into the back yard :)

This won't be the foxfinder 3, or any other fancy name applied to my hunting antenna, but it is quieter for close-in QSO's. Maybe I'll get the real wire up high and make a loop on the property yet. Definitely low profile and if you are still waiting for that superstructure tower base to cure, perhaps you can play with some wire in the meantime.

You'll be surprised what a full-wave loop can do, even hidden along the fence at 4 feet up and tied off with string insulators.

Have a great day friends! 72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 17 Aug 1999 13:39:21 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: kb0vcc@rocketmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47743] Re: VHF propagation over the weekend...?
Message-ID: <37B9AC59.A98A67B7@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 8BIT
Content-Transfer-Encoding: 8BIT

KB VCC wrote:

>
> ...anyone besides me observe the rather impressive VHF
> propagation over the weekend? I was channel surfing the
> TV and came across channel 3, which is usually just "snow".
> Instead, I had two channels wrestling for capture and
> the one that one was in South Carolina. That's well
> over a thousand miles away! I dropped the remote and
> darted into the "shack". The 4-land 2m SSB's were
> booming in here but with heavy QSB. Absolutely no CW
> stations to be found though. :^(So what was up?
> Was this ionization from the Perseid Meteor shower?
> Or was there some other natural event taking place?

> Just wondering...

Dale, what you encountered was tropo enhanced propagation. It is created by weather fronts. It was not related to the meteor shower (which was a bust for most stations in North American) or sporadic E propagation.
>From here in St Louis stations could be worked in South Dakota and Oklahoma to the west out to the New York and New England to the east.

As far as cw, I heard quite a bit of here in the St. Louis area. During a few hours Saturday night I heard at least ten stations on cw on two meters. Remember, you will find virtually all of this cw activity, except for EME, on 144.2 plus or minus 10 khz. Also many of us weaker stations will call the sideband stations using cw. Crossband contacts are made quite often when ssb to ssb contacts are not possible.

Jump in and join the fun.
73 de Dave, N0IT

Date: Tue, 17 Aug 1999 12:48:48 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@lehigh.edu>
Subject: [47744] Altoids Box
Message-ID: <01BEE8AE.DA7C8620.bmug@gwl.com>

I just saw a 3/4" by 1 1/2" (about) Altoids metal box - who's designing a transceiver for this? I want one!!!

de KI00T, Brad

Date: Tue, 17 Aug 1999 13:55:39 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47745] Re: Talking about MAGNET WIRE !!!
Message-ID: <003e01bee8e2\$41c3da80\$6ee498cd@spock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Michael Maiorana <mikemo@ibm.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, August 17, 1999 7:33 AM
Subject: Re: Talking about MAGNET WIRE !!!

Hi Mike/Gang,

>Don't forget the RadioShack guy who spent over 1/2 hour with me trying to find a
>store with one of those "awesome" discounted closeouts. I've never had a bad
>customer experience at a RadioShack. Granted, the employees are not EE's, but
>they sell stereos and cell phones mostly. Where else can you get a multiband
>dipole for under \$2 ;-)
>Just sticking up for them (no I don't work there).

I have to admit that they've gotten a LOT better over the years. These days, the RS (Radio Shack) at the Louisiana QTH is full of EE majors, and now when I ask for some esoteric part, they walk straight to it, hand it to me, and even ask what I'm going to be using the part for! This RS is located 3 blocks away from a university, and you'd think that it would be a great job for an EE that was living a block or two away. I'm sure they fight over the job when a position opens up :^).

My Houston QTH RS has some really knowledgeable salesmen. The RS on Westheimer (just past Voss on the right, going toward the beltway, for my fellow Houstonians) has a good crew, too. It seems that in this day and age of the techo-geek, the level of technical ability and comprehension of the RS salesman has increased significantly. Thank God! :^).

72/73,

Randy Jouett, AB5NI

Date: Tue, 17 Aug 1999 13:59:15 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "QRP LIST" <qrp-1@Lehigh.EDU>
Subject: [47746] how far?

Message-ID: <010101bee8e2\$a54a5e80\$6ae60181@mhoganws>

How do I go about figuring how far it is from Broken Arrow Oklahoma to Villa Clara Cuba?

The qrp-l finder could not find the Cuban call sign.

Mark Hogan / N50BC

Date: Tue, 17 Aug 1999 14:03:27 -0500
From: Karl.Kanalz@optelinc.com
To: tahrens@hilconet.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47747] RE: Command Set Stuff
Message-ID: <862567D0.0069324B.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I have a copy of the "mod book" from CQ, but as I recall (it's packed in a box), it's not yellow, but mostly white and red on the cover.... I'll check it out tonight.

I ALSO have two of the three (set) "Military Surplus Radios" book(s) that have schematics and descriptions of a whole LOT of surplus radios. I have the Green and Yellow (actually, kinda' orangey colored) books. I believe the third in the triptich was Blue....

Karl K - W8TIF
McKinney, Texas

Tim Ahrens <tahrens@hilconet.com> on 08/16/99 10:16:14 PM

Please respond to tahrens@hilconet.com

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: RE: Command Set Stuff

Anybody remember the Yellow Mod book.. think it was from CQ?

showing my age too. ; -)

cu

Tim W5FN

Date: Tue, 17 Aug 1999 12:16:40 -0700 (PDT)
From: David J Adams <adamsclan@netgate.net>
To: qrp-1@Lehigh.EDU, tjarey@home.com
Subject: [47748] Re: Ultimate Jersey Fireball 40 case
Message-ID: <199908171916.MAA11156@u1.netgate.net>

Speaking of tins, I was in my local Target last night and noticed that
Altoids now comes in a Tiny Tin size. This thing is about 1/3 the size
of a normal altoids tin. It needs an smd project, I think.

73 de dave, n9uxu

Date: Tue, 17 Aug 1999 14:14:38 -0500
From: Karl.Kanalz@optelinc.com
To: w0av@juno.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [47749] Re: Talking about MAGNET WIRE !!!
Message-ID: <862567D0.006A3847.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Not only is stupidity not "new", it is obviously not restricted to Radio Shack sales persons!

Karl K - W8TIF
McKinney, Texas

George F Franklin <w0av@juno.com> on 08/17/99 05:07:01 AM

Please respond to w0av@juno.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Talking about MAGNET WIRE !!!

Hello Chris,

Don't be too hard on the RS youngster.

Many years ago I went into a "radio store" which served the local radio/TV repair shops in the area.

A customer asked the clerk for an electrolytic capacitor, 40 and 20 mfd at 450 volts.

The clerk went back to check stock, returning to tell the customer "all we have is a 20 and 40 mfd." The customer said "OK, I'll try somewhere else."

Stupidity ain't new.

72/73 de George/W0AV

Date: Tue, 17 Aug 1999 14:18:22 -0500

From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [47750] She's Alive! (Part II)
Message-ID: <LAPHCKABEEDMOAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow qrp'ers & troubleshooters,

I managed to properly allign the transmit carrier oscillator in my OHR-400 (not difficult if you don't bang the tuning knob as I probably did the first time). Now, I transmit and receive on the same freq!

Well, I heard a QRO op out East calling and he came back to my reply on the first call! He was nr Boston with 75W into a vertical, I was running 5W into a 80-M horizontal loop up 25 feet. 569 reports both ways!

Now I can't wait to figure out why the 20M prt of it doesn't work. It must be in one of the bandpass filters because there are no problems with the other bands.

73,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

Date: Tue, 17 Aug 1999 13:20:12 -0600
From: Rod Cercone <rlc@frii.com>
To: mhogan@email.msn.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [47751] Re: how far?
Message-ID: <19990817132012.27088@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Mark, et.al.

You can get pretty close with "How far is it?",
<http://www.indo.com/distance/>. They don't have every city in the
world, so you sometimes have to pick a country capital or another
major city. What's a few hundred miles between QRP friends? ;-)

They also provide a link to the Xerox PARC map database so you can see a
map containing the two end points you enter.

Enjoy.

BTW: Here is the output from, How far is it?

Distance between Broken Arrow, Oklahoma, United States and Havana,
Cuba, as the crow flies:

1198 miles (1928 km) (1041 nautical miles)

Initial heading from Broken Arrow to Havana:
southeast (134.2 degrees)

Initial heading from Havana to Broken Arrow:
northwest (320.9 degrees)

See these places on the map (courtesy Xerox PARC).

Broken Arrow, Oklahoma, US

County: Tulsa County
Location: 36:02:15N 95:47:14W
Population (1990): 58043
Elevation: 753 feet

Havana, Cuba

Location: 23:08:00N 82:23:00W

72, Rod N0RC

On Tue, Aug 17, 1999 at 01:59:15PM -0500, Mark Hogan wrote:

> How do I go about figuring how far it is from Broken Arrow Oklahoma to Villa
> Clara Cuba?

...

Date: Tue, 17 Aug 1999 12:21:46 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [47752] Re: Talking about MAGNET WIRE !!!
Message-ID: <19990817122146.B2228@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Aug 17, 1999 at 01:55:39PM -0500, Randy Jouett wrote:

> I have to admit that they've gotten a LOT better over the years. These days,
> the RS (Radio Shack) at the Louisiana QTH is full of EE majors,

...

> to me, and even ask what I'm going to be using the part for! This RS is
> located 3 blocks away from a university, and you'd think that it would be
> a great job for an EE that was living a block or two away. I'm sure they
> fight over the job when a position opens up :^).

This explains your experiences. Where I live, I was watching a RS salesman try to change the batteries on a cordless phone for a customer. He put all the batteries in the same way, and was wondering (for about 15 minutes) why it wouldn't work. Another RS salesman (same store) was trying to peddle a keyboard to person just getting interested in music, and was thoroughly confusing the purpose of the white and black keys. He even went so far as to say, "I don't know why these black keys exist -- why didn't they just mix them in with the rest of the white keys?" Now, I'm no music major, and primarily play with guitars mostly. But even I know the purpose of the black keys. It was too much for me to bear -- I had to break into the conversation, and assist the sales rep. The battery issue was amusing -- anybody could have made that mistake. The music issue was insulting, though. That person should never have been allowed near the musical equipment if he doesn't know what the thing is for.

> day and age of the techo-geek, the level of technical ability and
> comprehension of the RS salesman has increased significantly.
> Thank God! :^).

I hope that you're correct, but where I live (in fact, the last four QTHs I've resided at) had zeros working for Radio Shack. Overhearing many of them in their conversations with each other, I learned a large number of them were high-school dropouts. Still others were going to college, often in completely unrelated fields (accounting, dance, etc) to the genre of products they were trying to promote.

All in all, I'd have to say the technical knowledge of the sales representatives at Radio Shack has been in continual decline, and the trend does not give any indications of changing.


```
=====
KC5TJA/6      |      -| TEAM DOLPHIN |-
DM13          |      Samuel A. Falvo II
QRP-L #1447   |      http://www.dolphin.openprojects.net
Oceanside, CA |.....
```

Date: Tue, 17 Aug 1999 15:23:22 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47753] RE: Mini Altoids Case
Message-ID: <NBBBJDEEIFDDANGEGHLBIEKKGJAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is it large enough for a Oner board (Kanga I think) or two?

72 / 73 Ed N4XY email: <n4xy@arrl.net>

Date: Tue, 17 Aug 1999 19:29:41 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [47754] Re: Talking about MAGNET WIRE !!!
Message-ID: <37B9B825.1B89AA89@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

But you DO have a source of radio articles available,
something missing in many places!
Goran ea8yu

Date: Tue, 17 Aug 1999 12:40:24 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [47755] Re: Talking about MAGNET WIRE !!!
Message-ID: <19990817124024.C2228@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Tue, Aug 17, 1999 at 02:14:38PM -0500, Karl.Kanalz@optelinc.com wrote:
> Not only is stupidity not "new", it is obviously not restricted
> to Radio Shack sales persons!

While this is true, the concentration of people who run their own radio and electronics shops generally hold a much higher value on learning about the products that they sell. Many of them already know what various electronics components are or look like, even if they don't understand fully their purpose or their inner workings. And they're willing to work with the customer to solve problems that the customer might have, such as not being able to find a certain part, or cross referencing part numbers. I've met one, and only one, person who worked at Radio Shack that did this. I'm usually willing to help educate the sales rep if he seems interested (even if only to help with sales). Otherwise, it's not worth his or my time.

I'd much rather pay more for dealing with a person who's genuinely interested in supporting the market he's in, trying to learn it and its constituents, etc. then paying the commissions on some highschool dropout hired at Radio Shack because he couldn't get a job at McDonalds, who couldn't care less the difference between a resistor and a wrist-watch, and who has little to no knowledge of /any/ of the products that they sell. I'm not saying that ALL Radio Shack people are this way. Just the majority of them.

Customer satisfaction demands that you know the products you're selling, so that when a customer has a problem, you can help the customer quickly and efficiently, while still offering personalized service. Radio Shack's motto should be, "You've Got Questions? Beats me -- let me ask my supervisor."

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
          DM13      |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Tue, 17 Aug 1999 19:52:48 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [47756] Ruggedized rigs.
Message-ID: <37B9BD90.57D8@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi agn. friends. Many of you heard of the "Duct Tape" fix I performed on my OHR-100 while backpacking in Yosemite. Basically, I had packed all my radio gear inside a box, inside the pack, with pink foam sheets to protect from scratches.

Well, I must have jammed it in a bit too tight on that second night and the OHR-100 original, with its plastic power pot adjustment shaft extending out of the rear panel, snapped the center wiper off the pc board due to the stresses.

When I got home, TWO of the potentiometer legs were now broken and contact was only electrical do to the mechanical stress of my tape job which held the external shaft upward, forcing the connections inside to 'get by'.

I mounted a nice potentiometer on the back panel and ran short wires to the board. The back adjustment knob is very heavy duty now. And the mounting is rigid.

Anyway, unless you wish to set and forget your output power, put in a panel mounted potentiometer if your rig is to be carried inside the backpack. You could remove the plastic shaft, but not all radios have that. Besides, who wants to lose it?

It is nice to have the power adjustment so you can drop the output power as the battery supply dims... so to speak.

FYI. OH, I did get to do the tarzan yell out in the wilds of Yosemite. Allan was thankful for the warning! What an echo!

Check local listings for "Hamzan in Yosemite" and other Hamzan chronicles, including: "Hamzan the Anten-ible", "Hamzan on 2 wheels in America", or perhaps "Hamzan goes Ape over loops".....

Hamzan hunts foxii?... Ok, enuf!

72/Ed we6w

AaaaEooooEOEooooo!

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Tue, 17 Aug 1999 14:58:35 -0500
From: "Brockwell, Stephen E." <brockwse@fssec.army.mil>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [47757] Norcal Cascade schematic
Message-ID: <9D0C5F47EE42D311B00F0000F8BDCA841A7A52@alrsrv02>
MIME-Version: 1.0
Content-Type: text/plain

Would it be possible to get a copy of the Norcal Cascade schematic and building instructions? If it is not legally distributable (is that a word?) then never mind.

Steve KC5TTY
Elgin, OK

Date: Tue, 17 Aug 1999 15:59:46 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47758] Re: Talking about MAGNET WIRE !!!
Message-ID: <013d01bee8eb\$0f63a620\$9001a8c0@mikey.wn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You know, I thought this was a QRP group, not a lets feel superior to RadioShack cause I know a little group.

Geesh, ANY organization is going to have a cross section of society. And low paying sales jobs are probably going to have that weighted towards the bottom end.

But just remember, the toads stick out and are noticed and remembered. Just as some toad HAM operators stick out and are remembered. That doesn't mean all HAMS are bad, and it doesn't mean all RS employees are toads.

There are good RS stores and there are bad. Stores that always have the parts because the manager does his job and actually orders small parts on the wall when he's not busy as opposed to waiting 2 months for an inventory cycle to catch up. Stores where the employees play with the demo equipment so they really do learn what it does. Stores where there may even be circuits drawn up and on papers you can copy under the counter for neat projects. But then, if you focus on the toads, you won't see those stores, or employees, you see what you want to see.

If some people really need to brag and feel superior to the idiots that are the standouts at ANY retail establishment, I wish they would do it elsewhere.

Now, can this get back to QRP???

Mike Yetsko
N1DVJ

>On Tue, Aug 17, 1999 at 02:14:38PM -0500, Karl.Kanalz@optelinc.com wrote:

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>> to Radio Shack sales persons!

>

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>one, and only one, person who worked at Radio Shack that did this. I'm usually willing to help educate the sales rep if he seems interested (even

>if only to help with sales). Otherwise, it's not worth his or my time.
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dropout

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>couldn't care less the difference between a resistor and a wrist-watch,
and
>who has little to no knowledge of /any/ of the products that they sell.
>I'm not saying that ALL Radio Shack people are this way. Just the
majority
>of them.

>
>Customer satisfaction demands that you know the products you're
selling, so
>that when a customer has a problem, you can help the customer quickly
and
>efficiently, while still offering personalized service. Radio Shack's
motto
>should be, "You've Got Questions? Beats me -- let me ask my
supervisor."

>

>=====

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| | | | |
|---|---------------|--|---|
| > | KC5TJA/6 | | - TEAM DOLPHIN - |
| > | DM13 | | Samuel A. Falvo II |
| > | QRP-L #1447 | | http://www.dolphin.openprojects.net |
| > | Oceanside, CA | | |
| | | | |

Date: Tue, 17 Aug 1999 16:07:14 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [47759] TRY'N TO GET SPARTAN
Message-ID: <36999ea5.24eb1af2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking for feedback as to the effectiveness of the SST for use in CW
pileups and sprints (20M) and longevity of the 9v lithium battery....Thanks
Alan KB7MBI

Date: Tue, 17 Aug 1999 16:09:41 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>

To: qrp-1@lehigh.edu
Subject: [47760] Re: Altoids Box
Message-ID: <37B9C185.730C@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Brad Mugleston wrote:

> I just saw a 3/4" by 1 1/2" (about) Altoids metal box - who's designing a
> transceiver for this? I want one!!!

> de KI00T, Brad

Well, to keep with the tradition of the Tuna Tin and the Sardine Sender,
how about it be CW only and be called the A1 Altoid? :-)

73,
Ed, W1RFI

Date: Tue, 17 Aug 1999 16:10:25 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: QRP-L@Lehigh.EDU
Subject: [47761] OT: Re: Talking about MAGNET WIRE !!!
Message-ID: <19990817.161027.7638.6.N2TPA@juno.com>

Folks,

All jokes aside, where do you go when you need a part quickly late
at night? If we don't support our local Radio Shack, they may get out of
the "Radio" business altogether.

73,

Bill
W2EB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 16 Aug 1999 21:57:51 +0100
From: "Graham Firth" <Graham.Firth@BTinternet.com>
To: <qrp-1@lehigh.edu>
Subject: [47762] Eddystone bug key
Message-ID: <001801bee8ef\$8296c7e0\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi

I have a friend in WA who has an Eddystone semi automatic bug key for sale. It was made in the UK by the famous Eddystone receiver company in I guess the mid-50s. It's in a black crackle aluminium case - looks a bit like an armadillo!

Anyone any idea of its worth?

Thanks in advance

Graham
G3MFJ/W3MFJ

Date: Tue, 17 Aug 1999 17:12:01 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [47763] FS HW-8 and HWA7-1 Power supply
Message-ID: <a8c0f35c.24eb2a21@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good evening all,

I have for sale a Heathkit HW-8 with no mods and the manual for 135.00. I will also throw in the HWA-7-1 power supply for 15.00. The HW-8 is in great condition. The power supply just needs a new connector to hook into the HW-8. Both are operational. If purchased I will throw in a copy of the HW-8 handbook in case you want to modify it. Prices do not include shipping. Will be gone Thursday through Saturday but we still have tomorrow. Thanks for the bandwidth.

Steve
N4TKP
QRP-L 1763

Date: Tue, 17 Aug 1999 14:31:03 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: we6w@qsl.net
Cc: qrp-l@lehigh.edu
Subject: [47764] Re: Horizontal Loop Antenna.
Message-ID: <19990817213104.42007.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ed et.al.,

Just last night I was reading "ham notebook volume 2"
(lower case on purpose as that is the title of the book.
Published by ham radio (hr), edited by Jim Fisk, W1DTY <sk>,
and published in 1975 for the first printing.

The first article out of the book is "antennas and transmission
lines" by Ed Noll, W3FQJ. He has what he calls a low, square
antenna --- a horizontal quad.

Take a single-element quad, lay it over horizontally, and mount
it three- to four-feet above the ground and you have a full-
dimension low profile antenna, fig. 1. This close-to-ground
position lowers the antenna resistance of a square full-wave-
length antenna to a value that provides direct match to 50- or
70-ohm line. ...

He used wire sizes between #12 and #16, insulated.

Reported excellent results and had some dual band versions.

The point is that the literature, although difficult to find in
some cases, has a bunch of stuff done decades ago that new hams
are discovering on their own. If you think you might have invented
something new you might ask first to see if anyone has seen it
before.

I tend to think of such antennas as variations on the rhombic.
Ed feeds his on the center point of one side.

It is a small world...

I have volume 2 of ham radio notebook. Anyone have volume 1?

FYI

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Tue, 17 Aug 1999 15:12:07 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'QRP-1 List Server'" <qrp-1@Lehigh.edu>
Subject: [47765] Re: Cuba DX
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F01DE0384@hq-expo2.filenet.com>

Just for grins, check out his station..

<http://qrz.com/callsign.html?callsign=co8jy>

Date: Tue, 17 Aug 1999 15:26:45 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: KK5NA@quadj.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, ki6ds@dpo1.k12.ca.us, k6whp@gte.net
Subject: [47766] Re: Things that QRPers tell me.
Message-ID: <37B9E1A5.C5E1FED2@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Joe Spencer wrote:

>

> Good points Doug,

> Since HAMCOM, My wife Barbara KK5QA and I have decided to attend as many of
> the smaller HAMFESTS within about 100 miles of the Dallas/Fort Worth area as
> we can(at least once a month) and put up a QRP table with info, flyers, QRP
> goodies. The smaller HAMFESTS do not have a QRP table ususally and we
> thought it would be good to spread the QRP spirit.

Excellent points, Joe and Doug! Our new and small-but-growing QRP club here in southern California, the Lake Perris QRP Society, has a table each third Saturday at the Cal Poly swapmeet. Our members operate a QRP demonstration station, have brochures for handout, and generally promote the low-power platform. After the swapmeet, we adjourn to Hudson's Grill for burgers and show-and-tell, in the spirit of the Norcal QRP Club. We heartily welcome any QRPers, or those who we can convert, to our monthly gathering.

> ----- Original Message -----

> From: Hendricks, Doug <ki6ds@dpol.k12.ca.us>

> > This year I have been very fortunate to have attended a lot of qrp events,
> > and talked to a lot of qrpers. The one thing that I hear over and over is
> > that they wish that the QRP vendors would attend more hamfests across the
> > country.

> >

> > The only QRP Vendor at Hamcom was Dave Fifield of Red Hot Radio. The only
> > QRP Vendor at Ft. Tuthill was Dave Benson. Both of these guys did land
> > office business and were busy every minute. In fact, Dave Benson sold out
> > everything he brought to Ft. Tuthill in 10 minutes. It reminded me of the
> > NorCal K8FF Paddle line at Pacificon a couple of years ago. There is a
> huge

> > demand for kits and QRP items at these QRP Forums we are having, and the
> > vendors are missing sales opportunities.

I might add that just the favorable mention of a vendor's product, as happened at Ft. Tuthill with Dave Benson's new DSW40 at one of the QRP forum talks, is enough to start a mass run of guys with money in hand to buy the aforementioned product.

I don't know about Hamcom, Dayton or Atlanticon, but one factor we've found in our experiences with the ARRL Southwestern Division Convention is that exhibit space may be cost prohibitive to the smaller vendors. In 1997, we asked for \$270 for booth space. Some convention committees will relax these prices for the one-or-two-man outfits and some will not.

Add in hotel and transportation expenses, and it's easy to see where a small vendor might have trouble making a profit.

Just to get the word out early, if not a bit prematurely, we of the LPQS fully intend to have some sort of major QRP forum at the SW Division Convention in September, 2001, at Riverside, CA. Chuck Adams and Doug have already graciously offered to be speakers. I will be the co-chairman of the technical program committee, and will be looking for speakers and hope to put on an all-day QRP forum at this convention. I think there

has been one QRP presentation in the last four years, and we intend to change that. Also, I will furnish the co-chairman of the exhibitor committee with as exhaustive a list of QRP vendors as possible, so that they can be invited.

72 de Jim - AD6CW

Date: Tue, 17 Aug 1999 15:36:56 -0700
From: "Barry L. Geipel - AD6HR" <bgeipel@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [47767] Good RS experience
Message-ID: <00f501bee901\$039a8550\$5dc9bbc0@cwil.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My local RS Store had a great manager for a while. He was very interested in learning and was quite knowledgeable. He was also very frustrated with the quality of his employees and could not get them to learn new stuff. Eventually, he was promoted into a higher volume store.

One day I was in there and he was demonstrating a SWL radio to a customer. As I walked in, he asked me if I knew a CB frequency. I said they fell somewhere around 27MHz but I did not know the exact frequencies. Then his eyes lit up, and he picked up the RS frequency counter, keyed a handheld CB and read the freq. off of the counter. In one swoop he demonstrated three products! For some reason, that just really impressed me.

73
Barry - AD6HR

Date: Tue, 17 Aug 1999 18:34:10 EDT
From: PUNISHER3@aol.com
To: qrp-l@lehigh.edu
Subject: [47768] miniature DSW-40 review by NW7DX

Message-ID: <119720d2.24eb3d62@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello, I finally fixed all of my computer problems (that I know about) and updated my webpage. I added a small review of a DSW-40 that I built. You can find it at www.qsl.net/nw7dx/dsw.htm OR you can just scroll down. I copied it to this message. I will soon have pictures up and change a few things around once i get the whole thing working on the air. I also updated my links page.

73,
Ben
NW7DX

NW7DX's DSW-40 Review

I ordered the DSW 40 meter kit from Dave and received the kit about 1 and a half weeks later.

I quickly Opened the tiny package and was amazed at what I saw. The first that that I pulled out was the manual. It has a great color picture of what the board looks like when it is finished. Inside, there were a few plastic bags with other various envelopes that contained parts. The board and all the parts were a lot smaller than I expected.

About 2 minutes later, I already had all my stuff laid out on the table and began counting the parts, reading the manual and making sure everything was there. Sure enough, all of the parts were there and I was ready to go.

It took me about 3 afternoons to build the whole kit. The only thing that I screwed up with were the first 3 diodes. I accidentally soldered them the wrong way. A quick e-mail to Dave replaced those 3 parts. His service was very very fast. He promptly e-mailed back and said they were packed and going out in the mail the next day! wow!

This being my second radio kit, I was still fairly new to this stuff. Even so, I think I did a good job with all the soldering and putting everything together. The only real hard part for me was when I had to wind a torroid, then wind another wire on top of that. It said to do this while the torriod was on the board, but I found that it was easier just to do everything before I put it on the board. Something that I wasn't used to before this kit, was having the resistors and diodes vertical on the board. After soldering a few in, it got easier.

I haven't put power to it yet, but I am 99.9% sure that this thing will work the first time. Currently, I am working on the enclosure for this rig. Instead of buying Dave's, I just found a metal project box that is a perfect size for this board.

The holes are punched, all the connectors are soldered to the board and the first few layers of paint are on. For labeling, I plan on making a colored face from my computer and then printing it out and putting it on the front and back of the enclosure.

My goal is to have this rig up and running by Saturday (August 21st) with everything all in perfect condition, ready for the DX!

Pictures to come

www.qsl.net/nw7dx/dsw.htm

End of QRP-L Digest 1551

